



CR 79.007

CIVIL ENGINEERING LABORATORY Naval Construction Bartalion Center Port Hueneme, California

Sponsored by NAVAL FACILITIES ENGINEERING COMMAND

EXPERIMENTAL STUDY OF THE DYNAMICS OF VARIABLE-LENGTH CABLE SYSTEMS, SUPPLEMENT VOLUME 1

April 1979

An Investigation Conducted by

GRADUATE AERONAUTICAL LABORATORIES CALIFORNIA INSTITUTE OF TECHNOLOGY Pasadena, California

N68305-76-C-0033





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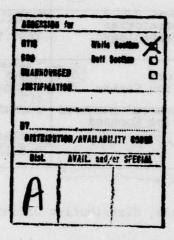
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	laboratory experiments; meas	drements, dyn	lamics	1
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	28. ABSTRACT (Continue on reverse side If necessary and	Daniel Carlotte		4
	> Laboratory experiments on the	o dynamics of	variable length cable	
	Laboratory experiments on the	e dynamics of	wation that there are	
	systems are described. The	prototype sit	uation that these ex-	
	periments simulate is the de	ployment of r	etrieval of a heavy	1
	object at sea. A winching m	echanism atta	ched to an electro-	
	mechanical oscillator was mo	unted over a	65 ft. (20 m) deep tan	ık
	of water. A mass suspended	by elastic ar	d inelastic cables was	
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payed-out and reeled-in at specified velocities and accelerations while being oscillated in the vertical plane. Cable tension data are provided as a function of cable direction, length, velocity, acceleration, and the frequency and amplitude of the oscillator.



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EXPERIMENTAL CATA

TENSION LENGTH VELOCITY ACCEL. LES FT FT/SEC/SEC GRAP CHOCK LENGTH VELOCITY LENGTH VELOCITY LOSS CONTRIBUTED CONT			ACCION NAME OF THE PROPERTY OF	CABLE MATERIAL . CIRCTION, FP VELOCITY, FPS LECELERATION, FP VELOCITY FPS LECELERATION, FP NUN TIRE LENGTH,	2 2 1	NVLON PAY-OUT 0.25 0.25 0.25 117.00 5.00 49.70	OSCILLATCR PARAMETERS MODE APFLITUDE, INCH FREQUENCY, NZ		0.0 0.0 0.0	CATA PARAMETERS IN 60 NEC 117 NACE 117 NACH 600 NWRD 6000 KV 1.12 KA 1.12	FERS 60 117 6000 1-170E-01 1-120E-01
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EXPERIMENTAL DATA

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ACCEL.	CH/SEC/SEC	-3.675E-02	-3.982E-02	-4.665E-02	-4.467E-02	-4.480E-02	-4.355F-02	-4.586F-02	-4.724E-02	-4.451E-02	-4.505E-02	-4.330F-02	-4.238F-02	-4.005F-02	-4.0136-02	-3.959€-02	-4.165E-02	-3.596E-02	-3.803E-02	-4.553E-02	-4.265F-02	-4.501E-02	-3.780E-02	-4.144-02	-4.648E-02	-4-236E-02	20-10gt-0-	70-1600-1-	20.0135-02	20.734	-3-2026-02	-3-696E-02	-3.509E-02	-3.836E-02	-3.615F-02	-4.3098-02	-3.992E-02	-4.011E-02	-3.842F-02	-4.5196-02	-3.636E-02	-4.519E-02	-4.132F-02	-4.092E-02	-3.8576-02	31600
VELOCITY	CN/SEC	-1-1146-01		-1.0476-01		-1.001E-01	110	673	-9.647E-02	-9.571E-02	-1.055E-01	-9.359E-02	-9.051E-02	-9.464E-02	-9.229E-02	-9.018E-02	-8.851E-02	-1.0536-01	-9.501E-02	-9.630E-02	-9.806E-02	-1.019E-01	-9.610E-02	-9.812E-02	-9.492E-02	-9.542E-02	-9.99er-02	10-3010-1-	20-2777-0-	-0-974E-02	-9.7616-02	-8-874E-02	-9.773E-02	-8.938-02	-9.590E-02	-9.7036-02	-8.937E-02	-9.344E-02	-9.736E-02	-9.0116-02	-9.068E-02	-9.325E-02	-9.688E-02	-9-1116-02	-9.751E-02	-
LENGTE VELO	ð																				316	376	3 E	15E	306	306	300	35.5	346	2.1576 02	2	386	365	356	356	355	346	395	355	916	916	5 3 E	346	SEE	57E	
TENSICK	GRAP	28E	5	3525			4.527E 02				100	4.530£ 02		-	4.527E 02	-	-	7	4.530£ 02	-			4.534E 02						4.5246 02	4.5246 02	7	4.526E 02	-							4.522E 02					4.524E 02	
ACC EN-	FT/SEC/SEC	-1.206E-03	-1.306E-03	-1.5316-03	-1.46(E-03	-1-470E-03		-1.505E-03	-1.5506-03	-1.460E-03	-1.4796-03	-1.421E-03	-1.390E-03		-1.317E-03	-1.299E-03	-1.367E-03	-1.311E-03	-1.248E-03	-1.494E-03	-1.401E-03	-1.477E-03	-1.240E-03				-1-4/25-03		1 2016-03	-1.2076-03		-1.213E-03		-1.258E-03		-1.414F-03	•	-1.316E-03	-1.261E-03		1.193	-	.356	-1.3436-03	.265	
VELOCITY	FT/SEC	-3.655E-03	-3.676E-03	-3.434E-03	-3.427E-03	1	1	-3.174E-03	-3.165E-03	-3.140E-03	-3.460E-03	-3.084E-03	-3.245E-03	-3.105E-03	1	-2.5596-03	-2.917E-03	-3.456E-03	-3.144E-03	-3.162E-03	-3.217E-03	-3.343E-03	-3.1536-03	-3.219E-03	-3.1146-03	-3.131E-03	-3. 200E-03	-3.3415-03	-3.0425-03	-2.5456-03	3.183F-	. 4	-3.206E-03	-2.931E-03	1466-	-3.184E-03	-2.932E-03	1.	1.	-2.956E-03	1	-3.059E-03	!	685	-199E-	
LENGTH	1	7.21	7.20	7.18	7.19	7.20	7.19	7.18	7.17	7.18	7.18	7.18	61.2	7.20	7.19	7.20	7.21	7.21	7.20	7.19	7.19	7.19	7.19	7.18	7.18	7.18		1 20	7.20	7.21	7.21	7.21	7.21	7.20	7.20	7.20	7.20	7.20	7.20	7.19	7.19	7.19	7.20	7.20	7.21	
TENSION	188	.!.	9.982E-01	1		-9166.	1.			999	-957E-	•	186.	.980	9.981E-01	166.	.983	.981	.988	-984E-	-988E-	9.988E-01	9.996E-01	9.990E-01	9.9826-01	9.9846-01	10-386-6	27.5		9.9776-01	9.57AF-01	!	9.982E-01	9.9816-01	-967 6·	9.9766-01	-3986-	9.989E-01	-9772-	9.9706-01	9.988E-01	9.9926-01	9.982E-01	-976E-	-5136-	
USCL.	DEG	1.7	1.6	1.8	3	7:7	1.1	1:7	1.7	1.6	::	1.1	1.6	1.6	1.9		1.6	1:1	1.6	1.1	1:1		9.7	7:1						9.1		1.6	1.1	1.6	1.8	1.5		1:1	1.1	1.9	1.1	1.6	1.8	1.1	1.6	
RUN	SEC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0					0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	
RCOR	SEC	3.400	3.500	3.600	3.700	3.800	3.900	4.000	4.100	4.200	4.300	004.4	4.500	4.600	4.700	4.800	4.900	2.000	2.100	2.200	5.300	2.400	2.500	2.600	2. 700	2.800	2000	900	9000	900	004-9	6.500	6.600	6.700	6.800	006-9	7.000	7.100	7.200	7.300	7.400	7.500	7.600	1.700	7.800	

EXPERIMENTAL CATA

TIME	1 1 1 1	ANGLE.	HOISMAI	LENGIN		***************************************	Lengien	LEMAIL	*******	WILEE.
SEC	SFC	DEG	587	F1	FT/SEC	FT/SEC/SEC	GRAP	8	CH/SEC	CM/SEC/SEC
8.000	0.0	1.6	9.961E-01	1.21	-3.0126-03	-1-225E-03	4.518E 02	2.158E 02	-9-181E-02	-3-746E-0
00	0.0	1.5	9.96 IE-01	7.22	-3.C78E-03			2.2COE 02	-9.381E-02	-3.2716-02
8.200	0.0	1.8	9.972E-01	7.22	-2.570E-03	-1.075E-03		100	-9.053E-02	-3.277E-02
8.300	0.0	1.5	.97	1.22	-3.C76E-03	-1.174E-03	4.523E 02	2.201E 02	-9.375E-02	-3.578E-02
8.400	0.0	1.6	.51	7.20	-3.101E-03	-1.323E-03			-9.453E-02	-4.032E-02
0	0.0	1.5	-982E-	7.21	-3.021E-03	-1.219E-03		7	-9.209E-02	-3.715E-02
8.600	0.0	1.6	25.	7.22	-3.096E-03	-1.293E-03		7	-9.438E-02	-3.542E-02
100	0.0	1.6	.97	12.7	-3.043E-03	-1.146E-03			-9.275E-02	-3.494F-02
00	0.0	1.0	5.980E-01	7.21	-3.176E-03	-1.22 6E-03	4.527E 02	2.197E 02	-9.682E-02	-3.738E-02
006	0.0	1.6	.0	7.20	-3.102E-03	-1.490E-03			-9.455E-02	-4.542E-0
000	0.0	1:4	9.984E-01	1.20	-3.042E-03	-1.324E-03		_	-9.272E-02	-4.036F-02
00	0.0	1.1		7.20	-2.923E-03	-1.442E-03	4.531E 02		-8.909E-02	-4.396E-02
9.200	0.0	1.6	9.583E-01	7.20	-3.152E-03	-1,3946-03			-9.608E-02	-4.248E-02
00	0.0	1.6	.9	7.21	-2.863E-03	-1.364E-03	4.523E 02		-8.726E-02	-4-157E-02
00	0.0	1.5	.96	7.21	-3.091E-03	-1.236E-03		2.15EE 02	-9.423E-02	-3.767E-02
9.500	0.0	2.6	9.963E-01	7.22	-2.776E-03	-1.316E-03	4.519£ 02	2.199E 02	-8.4636-02	-4.011F-02
00	0.0	2.0	.96	7.24	-2.694E-03	-1.265E-03	and the same	2.2C6E 02	-8.212E-02	-3.855E-02
2.700	0.0	1:1	.96	7.22	-2.710E-03	-1.160E-03			-8.260E-02	-3.536E-02
9.800	0.0	1.9	.95	7.23	-2.533E-03	-1.360E-03		2.204E 02	-8.939E-02	-4-144E-02
00	0.0	1.6	.97	7.22	-2.586E-03	-1.255E-03		100	-9.100E-02	-3-825E-02
0.000	0.0	1.9	-984E-	7.22	-3.291E-03	-1.1696-03		2.199£ 02	-1.0036-01	-3.625E-02
00	0.0		9.8835-01	7.20	-1.558E-03	2-808E-02	4.483E 02	2.156E 02	-5.968E-02	8.557E-01
00	0.0	1.6		7.21	1.5936-02	2.040E-01		2.158E 02	4.656E-01	8-657E 0
00	0.100			7.20	5.474E-02	4.281E-01			1.668E 00	
00	0-200		-9659e-	7.22	9.474E-02	3.7506-01		2.202E 02	2.688E 00	1-143E 01
00	0.300		- 8546-	7.23	1.265E-01	2.857E-01			3.457E 00	-
0.600	0.400	1.6	9.8116-01	7.25	1.509E-01	2.260E-01			4.558E 00	
00	0.500	8.1	-	7.27	1.715E-01	2.031E-01		2.216E 02	5.227E 00	75
0.800	0.600	2.1	. 85	7.29	1.914E-01	Z-066E-01	4.471E 02	2.223E 02	5.834E 00	
00	0.100	2.0	9.696E-01	7.32	2.121E-01	2.077E-01		0	6.464E 00	-
1.000	0.800	1.6		7.34	1.	2-136E-01	4.481E 02	2.238E 02		-
001-1	0.00	2.1	-	7.38	1	2-1336-01		0	7.737E 00	_
11.200	000	6.1	-	7.41	2.752E-01	2-1706-01		-	8.389E 90	6.615E 00
11.300	1-100	2.6	-19	7.45	2.957E-01	2.172F-01	4.489E 02	2.265E 02		
11.400	1.200	2.0	8E-	7.47	-163E-	2-1146-01				_
11.500	1.300	2.3	9.960E-01	7.51	3.368E-01	2.104E-01				-
00	1.400	2.1	9.636E-01	7.53	3.576E-01	2-1486-01		_	1.0908 01	_
00	1.500	1.9	5.879E-01	7.58	3.784E-01	2.084E-01			1.1536 01	6.353E 0
00	1.600	2.1	m	7.61	3.586E-01	2.059E-01			-	-
11.900	1.700	1.1		7.66	4.1936-01	2.062E-01	4.479E 02	2.336E 02		7
00	1.800	2.2		7.71	4.372E-01	1.532E-01	4.442E 02		1.333E 01	
00	1.900	1.8		7.75	4.471E-01	6.233E-02	4.466E 02	2.362E 02	1.363E 01	-
00	5.000	2.1	9.8266-01	7.80	4.495E-01	4.650E-03	457E	2.379E 02	1.370€ 01	1.417E-0
12.300	2-100	2.0		7.84	4.488E-01	-1.229E-02	4.472E 02	2.390E 02	1.368E 01	-3.745E-0
00	2.200	1.9	~	7.90	4.475E-01	-1.092E-02	4.444E 02	2.4006 02	1. 1646 01	-3-320E-01
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EXPERIMENTAL CATA

CH/SEC CH/SEC/SEC
-363E 01 -5.857E-
1 6
10
10
10
2.510E 02 2.510E 02 2.536E 02 2.551E 02
322222
-9, 62E-04 -9, 82 3E-04 -9, 82 3E-04 -5, 22 3E-04 1, 46 1E-03 1, 77 1E-04
-9.62 -9.823 -2.064 -5.223 1.461 1.771
4.473E-01 4.473E-01 4.473E-01 4.473E-01
8 8 8 2 4 4 5 4 4 5 4 5 4 5 4 5 4 5 4 5 4 5 5 4 5 5 6 6 6 6
9.868E-01 9.868E-01 9.868E-01
1.5
~
2.500

EXPERIMENTAL CATA

RCDR	RUN	OSCL.	TENSION	LENGTH	VELOCITY	ACCEL.	TENSICA	LENGIF	VELUCITY	ACCEL.
SEC	SEC	DEG	185	F 1	FT/SEC	F1/SEC/SEC	GRAP	8	CP/SEC	CM/SEC/SEC
7.200	7.000	2.0	9.912E-01	10.06	4.4736-01	.741	4.496E 02			-8.3556-0
17.300	7.100	1.5	9.863E-01	10.12	4.472F-01	3.9316-04		3.0836 02	1.363E 01	1.198E-0
7.400	7.200	2.3	5.884E-01	10.16	4.474E-01	1.1546-03			1.3646 01	3.5176-0
7.500	7.300	2.0	9.856E-01	10.20	•	-4.860E-04	\$ 70E			-1.481E-0
7.60€	7.400	2.0	9.8936-01	10.25	475	-5.763E-04	116			-1.75tE-0
1.700	7.500	1.8	9.886E-01	10.30	1	-4.812E-04				-1.467E-0
7.800	7.600	1.5	9.8836-01	10.34	.1.	2.058E-04		316	1.364E 01	6.272E-0
1.900	1.700	2.2	9.922E-01		.!.	-1.551E-03		65E		-4.728F-0
000.8	1.800	2.0	٠.	10.42	4.474E-01	-2.500E-03	4.456E 02	3.176E 02	1.364E 01	-7.620F-02
9.100	7.900	2.0	9.8936-01	10.47	4.473E-01	-1.604E-03			1.363E 01	
8.200	8.000	2.0	*	10.52	4.472E-01	-5.448E-04			1.363€ 01	
8.300	8.100	2.6	9.954E-01	10.56	.1.	6.809E-04		361	1.363E 01	
8.400	8.200	2.6	9.862E-01	10.01	4.473E-01	1.688E-04			1.363E 01	5.146F-0
8.500	8.300	2.0	9.9586-01	10.64	4.474E-01	-9.030E-04		146		-2.752F-0
8.600	8.400	1.5	9.887E-01	10.68	4.474E-01	-1.356E-03			1.364E 01	-4.132E-0
8.700	8.500	2.0	9.9256-01	10.72	4.474E-01	-8.299E-04		3.269E 02		-2.529E-0
8.800	8.600	2.1	9.9156-01	10.78	4.473E-01	-2.078E-04				-6.33.E-03
8.900	8.700	1.9	9.890E-01	10.83	1			. 302E		-6.124F-0;
0000.6	8.800	2.1	9.924E-01	10.89	4.474E-01	-1.565E-03				-4.7715-0
001.6	8.900	2.1	9.8436-01	10.94	4.4745-01	-2.837E-04	100	.335E		-8.6476-0
007-6	000.6	2.2	9.907E-01	10.98	4.474E-01	-6.809E-04	94E	ш	1.364E 01	-2.075E-02
9.300	9.100	9.1	9.837E-01	11.04	4.475E-01	1.055E-03		364E		3.2156-0
004.6	9.200	2.0	9.867E-01	11.07	4.474E-01	-5.079E-04	415E		1.364E 01	-1.548F-0
9.500	9.300	2.5	9.8236-01	11:11	4.474E-01	-1.654E-03	633		1.3646 01	-5.040E-0
009.	9.400	2.0	9.8595-01	11.14	4.472E-01	-8.463E-04	12E	976		-2.579E-0
9.700	9.500	2.0	8		4.472E-01	-4.396F-04	396	126	1.3636 01	-1.3405-0
9.800	009.6	2.0	555	11.24	4.4746-01	818	302	25E	1.364E 01	-2.688E-03
006.6	9.700	1.5	9.8736-01	11.28	4.4736-01	-1.779E-03		386		-5.424E-0
0000	008.6	2.0	2	11.31	4.4736-01	-2.143E-03	916	486	1.364E 01	-6.532E-02
001.0	9.400	1.5	10-3948.6	11.35	4.4736-01	-1.21 7E-04	_	909	1.363€ 01	109E
0.200	10.000	2.1	9.794E-01	11.40	4.473E-01	-7.725E-04	136		1.363E 01	-2.354E-0
008.0	10.100	1.9	9.9636-01	11.46	4.474E-01	1.300E-03	4.519E 02	492E	1.364E 01	3.963₹-0
0.400	10.200	2.0	9.798E-01	11.51	4.474E-01	4-102E-06			1.3646 01	1.250E-0
0.500	10.300	2.3	9.888E-01	11.56	4.475E-01	-1.250E-03		\$23E		134E
009.0	10.400	1.6	9.867E-01	11.62	4.475E-01	-1.013E-03				-3.088E-02
0.100	10.500	2.3	9.8996-01	11.67	7	-1.637E-03		556E		-4.990E-0
0.800	10.600	1.6	9.892E-01	11.71	4.474E-01	-3.767E-04	-	364E	364E	-1.1485-0
0.00	10.700	1.9	9.832E-01	11.76		-1.642E-03			1.364E 01	-5.005E-0
000-1	10.800	1.5	9.886E-01	11.79	L	-1.102E-03			1.363£ 01	-3.359E-0
1.100	10.900	2.5	9.8365-01	11.85	1	-3.438E-04		36	1.3636 01	-1.048E-0
1.200	11.000	1.9	9.9176-01	11.88	4	-3.069E-04			1.363€ 01	-9.355E-0
1.300	11.100	1.9	- 3E 9	11.92	4.473E-01	9	4.474E 02	3.632E 02	1.3636 01	3.596F-0
1.400	11.200	2.5	35E	11.96	:	. 834	4.506E 02	3.6458 02	1.364£ 01	2.388E-0
1.500	11.300	2.0	9.897E-01	12.02	2	9:1	4.489E 02	3.664E 02	1.364E 01	
1.600	11.400	2.0	52E	12.07	4-474E-01	-7-91 6E-04	4.514E 02	3.478F C2	1.3646 01	-2-4135-0
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EXPERIMENTAL CATA

																						14 14 2																								
ACCEL.	CH/SEC/SEC	-3.43EE-02	-	-2.815E-02	-1.313E-02	9.439E-03	2.194€-02	-2.669E-02	-2.169E-02	-3.515E-02	-6.563E-02	-1.600E-02	-7.655E-02	-6.105E-03	-1.021E-02	1.8341-03		-1.619F-02	-2.611E-02	-3.342E-02	-5.544E-02	-2.775E-02	-4-390E-02	1-2136-02	8-209E-03		1.875	20.21	3.494	176F	3.284E-	-3.978E-02	2.229E-03	1.4795-02	-1.623E-02	-4.271E-03	-3.365E-02	-4.048E-02	-3.917E-02		-2.888E-02	-1.073E-02	-9.585E-03	1.606F-02	-1.254E-02	
VELOCITY	CP/SEC	1.364E 01	1.364E 01			364E	1.3646 01		1.3646 01			1.363€ 01			1.3636 01	1.3636 01	1.363E 01		1.364€ 01			1.3646 01	1.3646 01	1.364€ 01	1.3646 01	3046	3000	10 3446	, ,	1.3636 01	363E	363€	1.363E 01	977		3646		3646	364E	1.3646 01	3636	363E		3636	1.364E DI	
LENGTA	5		3.711E 02				115			3.611E 02			3.653E 02								3.967E 02	3.5616 02	3.9926 02	4.CCEE 02	4.025E 02	4.037E 02	20 31 60.4	4.024E 02	4.090F 02	4.104£ 02	4.117E 02	4.1336 02				_				4.249£ 02	4.263E 02	4.2786 02	4.287E 02	. 303	4.319E 02	
TENSICA	GRAP		456E						4								30E		386		13E					400E	4	4.4696 02					32	36	399				36					-508E	4.480E 02	
ACCEL.	F1/SEC/SEC	-1.128E-03	-1.911E-03	-9.235E-04	-4.307E-04	3.0976-04	7.198E-04	-8.757E-04	-7.116E-04	-1.153E-03	-2.1535-03	-5.250E-04	-2.512E-03	-2.003E-04	-3.350E-04	6.016F-05	-1.142F-04	-5.312E-04	-8.565E-04	-1.096E-03	-1.8196-03	-9.105E-04	-1.4406-03	3.579E-04	2.6936-04	2.8785-04	-0-1545-05	-0.0315-0-	-1.2126-03	-1.566E-0	-1.0776-03	-1.305E-03	7.3146-05	4.8546-04	-5.325E-04	-1.401E-04	-1.104E-03	-1.328E-03	-1.285E-03	-2.425E-03	-9.475E-04	-6.146F-04	-3.145E-04	5.271E-04	-4-122E-04	
VELOCITY	FT/SEC	4.474E-01	474.	4.474E-01	473	4.474E-01	4.476E-01	4.475E-01	4.476E-01	1	4.475E-01	4-4736-01	4.4736-01	4.472E-01	4.472E-01		4.4736-01	4.4736-01	4.4746-01	4.4746-01	4.4746-01	4.4756-01	4	4.4756-01	4	4.4746-01	10-3616-61	4.4756-01	7747		w	473	4.4736-01	w	4	*	4.475E-01	L	1.	4.474E-01	1.	1	4	L	4.474E-01	
LENGTH	11	12.13	12.18	12.23	12.27	12.32	12.36	12.43	12.46	12.50	12.55	12.59	12.64	12.70	12.74	12.78	12.82	12.87	15.91	12.96	13.02	13.06	13.10	13.15	13.21	13.24	13.69	13.32	13.47	13.46	13.51	13.56	13.61	13.65	13.70	13.76	13.81	13.85	13.91	13.94	13.99	14.04	14.06	14.12	14.17	
TENSION	1.85	9.936E-01	9.9125-01	9.890E-01	9.920E-01	5.856E-01		9.882E-01	1	9.941E-01			1	1	1	9.889E-01	1	1	1	1	ī	1	ī	1	9.853E-01		1	9-846-01	1.013F 00		1	1	1	1	1	1	1			9.799E-01			1	9.9396-01	1	
OSCL.	DEG	2.0	2.2	1.9	1.5	2.3	2.0	2.2	1:1	2.3	2.0	2.0	2.3	1.5	2.0	1.9	2.0	2.0	2.0	2.2	2.0	2.1	2.1	2.3	6.1	2.7	::	1.7	2.0	2.0	2.0	2.0	1.9	2.2	1.5	1.5	2.5	1.8	2.3	1.6	1.2	2.1	1.5	2.0	2.2	
T E	SEC	11.600	11.700	11.800	11.900	12.000	12.100	12.200	12.300	15.400	12.500	12.600	12.700	12.800	12.900	13.000	13.100	13.200	13.300	13.400	13.500	13.600	13.700	13.800	13.900	000	001-17	007-11	14.40	14.500	14.600	14.700	14.800	14.900	15.000	15.100	15.200	15.300	15.400	15.500	15.600	15.700	15.800	15.900	16.000	-
RCOR	SEC	21.800	21.900	22.000	22.100	22.200	22.300	22.400	22.500	22.600	22.700	22.800	22.900	73.000	23.100	23.200	23.300	73.400	73.500	23.600	23.700	23.800	23.900	24.000	24.100	24.200	24.300	24.500	24.600	24.700	24.800	24.900	25.000	25.100	25.200	25.300	25.400	25.500	25.600	25.700	25.800	25.900	26.000	26.100	26.200	

EXPERIMENTAL DATA

RCDR	RUN	OSCL.	TENSION	LENGTH	VELOCITY	ACC EL.	TENSICN	LENGTH	VELOCITY	ACCEL.
SEC	SEC	990	1.85	F1	FT/SEC	FT/SEC/SEC	GRAP	5	C#/SEC	CH/SEC/SEC
004.9	16.200	2.1	874E-	14.24	4.475E-01	6.275E-04		4.341E 02	1.364E 01	1.9136-(
26.500	16.300	1.9	5.899F-01	14.29	4	-1.9035-03	4.490E 02	4.356E 02		-
009.9	16.400	2.5	-3126	14.32	١.	-396B				856
00.100	16.500	7.7	854E-	14.38	4.473E-01	-2.274E-03	106		1.363E 01	-6.930E-
0000	000001		2100	74.47	4.4/25-01	-1.120E-03	396	394E		-3.415E-
004.00	10.700	0.7	Code-	10.01	4.473E-01	-5.55 BE-04	316		1.363€ 01	-1.6946-
2000	000	***	74/61	14.23	١,	-3-15 BE-UP	175		1.3648 01	•
001.	006.01		1986	14.57	10-34/4-6	1.58 7E-03		3044	1.364E 01	4.838E-
007.	17.000	***	822E-	79-67	4.4755-01	3.896E-05		456E	1.3646 01	1.188F
2000	001-71	5.7	-3688	14.01	10-36/6-6	20.10		20	1.364E 01	1.161
2000	007-11	2.2	9095	2:	10-121-01	-9.775E-05		4.48ZE 0Z	1.3646 01	-2.980E-
2000	17.300	0.7	1361	2	9.975E-01	-2.294E-03		454E	1.364E 01	-9.9936-
0000	004-11	2.5	9146-	14.78	4.473E-01	-3.140E-03	52E	504E	1.363E 01	-9.572F-02
200	0000		7966	14-83	10-374-6	-2.162E-03	120	320E		-6.590E-
008	00001	7.7	890E-	14.88	L.	1.8945-04		535E	1.363E 01	5.772E-03
200	2000	7.7	6335	•	١.	40-JOE-04		343E	1.363E 01	1.4366-
0000	008-11	0.7	953E-	14.90	L.	8-340E-05		360E	1.363E 01	2.542E-
001.0	006-11	7.7	- 36.0	56.41	١,	3.3215-04			1.363E 01	L
8.200	000-81	2.0	9116		4.4 (4E-01	-1.830E-03	58E		1.364€ 01	-5.578E-02
9000	001-91	0.7	1261	15.09	١,	-1-0406-04		3	1.363E 01	-3.188E-
200	10.200	1.7	2000	61-61	١,	-2.391E-04			1.3636 01	168
8-400	18.500	70.	10-3686-6	15.24	4.479 6-01	-2.1435-03	4.4838 02	4.6296 02	1.3646 01	8.361F
100	18.500	2.2	-304	16.20		1 96 65-03			10 3636	
8.800	18-600	2.1	DOOR	16.33	, ,	1 0445-03	30.4		10 35 95 1	2 34 36 02
8.900	18.700		A16E-	16.27	4.4746-01	0 34 KE-06	46.36	A 4666 02	10 3646	1
9.000	18.800	2.2	900F-	15.42	4.4725-01	5.44 RF-04			1.36 36 01	1.6615
9-100	18.900	1.8	815E-	15.46	4.476F-01	5.074F-03		7116	1-3646 01	1 5476-01
6.200	19.000	2.1	838E-	15.48	4.477E-01	-9.933E-04	63E	120E	1.365E 01	0276
9.300	19.100	2.1	80	15.53	4.4766-01	-2.756E-03	996	732E		
29.400	19.200	2.0	923E-	15.58	4.475E-01	-2.606E-03		4.150E 02	1-364E 01	-7.943E
9.500	19.300	2.0	917E-	15.62	4.472E-01	-2.877E-03			1.363E 01	-8.768E-
009.6	19.400	2.1	895E-	19.61	ı	-8.702E-04		39L	1.3636 01	-2.652E-(
9.100	19.500	1.5	DILE	15.70	4.4726-01	-1-395E-03	4.585E 02	4.786E 02	1.363E 01	-4.253E-02
9. 800	19.600	2.0	83E-	15.76	4	-2.297E-04		103E	1-3636 01	-7.001E-
9.900	19.700	2.2	960	15.80	L	-2.789E-04			1.3636 01	-8.501E-
0.00	19.800	2.0	346-	15.86	L	1.280E-04	4.461E 02		_	2.219E-
0.100	19.900	2.3	9.825E-01	15.90	4.4746-01	2.946E-04	-		1.364€ 01	8.980E-
0.500	20.000	1.6	-398	15.96	L	-1.101E-04	-		_	-3-355E-6-
0.300	20-100	2.3	62E-	16.00	L	-1.552E-04	4.428E 02		_	-4.730E
004.0	20.200	2.3	326-	16.05	4.4756-01	-1.583E-03	_		1.364E 01	-4.824E-
0.500	20.300	-:	54E-	16.10	4.4756-01	-2.460E-03	4.470E 02	4.507E 02	1.364E 01	-7.499E-
0.00	20.400	2.2	5.829E-01	16.13	4.472E-01	.31	4.458E 02	_	1.363£ 01	-7.045F
0. 700	20.500	1.9	40E-	16.19	4.472E-01	-	4.509E 02	4.535E 02	1.363£ 01	-4.928E
0.800	20.600	2.1	9-826E-01	16.20	4.472F-01	1-787E-03	4.4476 02	2265	10 3535 1	A 44.7E
	The same of the sa		-		1	200	30 3000	336		

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EXPERIMENTAL CATA

																																					•				
	CHISECISEC	4.342E-02	-4386-	-1.090E-02	-4-990F-02	-0 BOOK -07	-1.0786-01	1866	A. 292F-02	2.625€-02	2.830E-02	1.409E-02	5.405F	2.609E-	1000	-2.364E-02	3.6036	773E-	4.598E-02	7.584E-03	1.742F-02	-1.888E-02	-5.251E-02	-8.295E-02	-7.313E-02	2.115F-02	2 0716	-4-855E-03	1.3135-02	2	m e		-7.695E-02	2.2446-02	173E	159F	2.6576-02	0426	625F	5.926F	8.364E-
	CHASEC	1.364E 01	3046	3006	1.3646 01	3446		3436	3636		3646	364E	364E	364E	3045		363E	3636				10 3496-1						1.3646 01			364E	3636		36 3€	3636	3646		3666	364E	3636	-363E
רבאפוע	5	4.567E 02	- Seot	.557E	C19F	0386	0626	0476	0856	1950	.114€	.126E	- 140E	.154E	1626	5. 192E 02	2016	-218E	.227E	-237E	- 250E		-258E	31 1E	.328E	3446	3366	3816	354E	.412E	3514	4516	.461E	.477E	3064.	. 502E	34F	98 16	. 563E	3772.	- 590E
IENSILA	CRAP.	4-490E 02	476E	3/84	4-495F 02	1726	2012	16.26	97E	464E	1665E	453E	148E	1886 100	4 80E	4-4916 02	448E	476E	4 80E	146E	492E	4-448F 02	451E	4 39E	450E	468E	LOBE	4.512E 02	448E	453E	5 10E		491E	1649E	502E	900	1004	16	469E	459E	
ACLEL.	F1/SEC/SEC	1.425E-03	-1-456E-04	-3.5756-04	-1-637F-03	- 3 24 45-03	-1.538F-03	-1.7016-03	2.064F-03	8-61 35-04	9.2836-04	4.621E-04	-1.773E-03	-8.559E-04	-1.5256-03	-1.7065-03	-1-182E-03	1.238E-03	1.5096-03	2.488E-04	9-715E-04	-1-4056-03	-1.7236-03	-2.721E-03	-2.399E-03	6.938E-04	4. 70 SE-04	-1.593E-04	4.307E-04	-7.588E-04	-1.285E-03	-2.717E-03	-2.525E-03	7.362E-04	1.2716-03	10.7916-04	8-716F-04		1.189	944	2.744
VELUCITY	FT/SEC	4-475E-01	١.		4-477F-01	!	!		!	4.473E-01	474E-	476E-	4.475E-01	4-4746-01	23	4-4716-01	. 4	71E-	1.	4	L.	4.475E-01		474E-	1	4.473E-01	474.6-		474E-	76 E	4.475E-01	J 4	L	-30L	1		4.475F-01	476	475E-	473E-	4.472E-01
HENO IN	-	16.30	16.34	16.39	16.47	14.63	16.58	16.63	16.68	16.72	16.78	16.82		16.91	10.01	17.03	17.07	17.12	17.15	17.18	17.22	17.33	17.38	17.42	17.48	17.53	17.62	17.65	17.70	17.76	17.78	17.88	17.92	17.97	18.01	18.05	18-16	38.21	18.25	16.30	18.34
	185		98	99			9	70.	8	1	843	-904	. 806	888	9 6	900	805	.868	.876	. 80g	606		.812	.786	.812	949		947	. 805	.817	942	880	.900	. 809	.926	6639	851	8	.852	.831	.783
ANGLE	DEG	6:1	2.1	7.7	2.2			2.5		2.1.2	2.0	1.9	2.2	2.1	2.0	7.7	5-1	2.0	2.1	2.0	2.0	2.2	2.3	1.8	2.3	5.6	2.4	2.0	2.0	2.2		2.0									
1146	SEC	20.800	20.900	21.000	21.200	21.300	21.400	200	21.600	21.700	21.800	21.900	22.000	22.100	22.200	22.400	22.500	22.600	22.700	22.800	22.900	23.100	23.200	23.300	23.400	23.500	23.700	23.800	23.900	24.000	24-100	24.300	24.400	24.500	24.600	24.700	24.900	25.000	25.100	25.200	25.300
TIME	SEC	31,000	31.100	31.200	11.400	21.500	000	200	31.800	31.900	32.000	32.100	32.200	32.300	32.400	32.500	32.700	32.800	32.900	33.000	33-100	33.300	33.400	33.500	33.600	33.700	33.900	34.000	34.100	34.200	34.300	34.500	34.600	34.700	34.800	34.900	35-100	35.200	35.300	35.400	35.500

EXPERIMENTAL CATA

RCDR	RUN	OSCL.	TENSTON	LENGTH	GTH VELOCITY	ACCEL.	TENSICH	LENGTH	VELOCITY	ACC EL.
TIME	TIPE	ANGLE								
SEC	SEC	DEG	185	FT	FT/SEC	FT/SEC/SEC	GRAP	.	CN/SEC	CM/SEC/SEC
95.600	25.400	1.9	5.818F-01	18.37	4.471F-01	-1.701E-03	4.454F 02	5. 559F 02	1.3635 01	-6-186F-0
35.700	25.500	2.0	9.906F-01	18.42		4.231F-04	4.493E 02	S-614F 02	1.3635 01	1.290F-02
5.800	25.600	2.2	9.846E-01	18.46	4.473E-01	1.7556-03	4.474F 02	5.428E 02	1.3636 01	
35.900	25.700	2.0	9.767F-01	18.51	4.4745-01	1-3866-03				A. 13.25 - 0.2
900	25.800	2.0	0.877E-01	18.67	Ŧ	7.2446-04	4. 400E 02	20 1037 S	10 3776	3000
200	36 90		10 2000		10.376.	٠,			10 3446	20000
001.00	2000		1	10.27	١.	-9-434E-04				-1619-7
20.200	000.07	7.0	9.808E-01	18.04	10451	-2.073E-03	_	_	1.3646 01	-0.3175-02
6.300	26.100	2.1	9.8446-01	18.68	4.4748-01	-1.766E-03	4.465E 02	5.694E 02	1.364E 01	-5.382F-02
36.400	26.200	2.1	9.831E-01	18.74	4.472E-01	-1.9396-03	4.459E 02	5.711E 02	1.363€ 01	-5.909E-02
36.500	26.300	2.3	9.758F-01	18.80	473	-2.1036-03	4-444F 02	1305	1.363E 01	-6.41 1F-0
400	24.400	2 .	C 997E-01	10.00	4 4725-01	S SOZE-OF	4 4055 02		1 36.36	4100
200	2000		100016	70.07	10-371-01	- 0.273E-0-	יייייייייייייייייייייייייייייייייייייי	30 1406 06	10 36861	01367007
00, 00	26.500	1:1	10-1178-6	18.89	4.4725-01	-1-1305-04	4.439E 02		1.3636 01	-2.2921-0
9. 800	26.600	2.3	9.855E-01	18.94	4.473E-01	1.086E-03	4.470E 02	5.774E 02	1.3636 01	3.3116-0
006.9	26.700	2.5	9.815E-01	18.98	4.475E-01	9.584E-04	4.452E 02	5.789E 02	1.364E 01	2.921E-0
7.000	26.800	2.0	9-7146-01	19.03	4.474E-01	7.253E-04	4-406E 02	5.759E 02	1.3646 01	2.2115-0
37.100	26.900	2.0		10.08	4.4746-01	-1-0536-03	4.424F 02		1.3446 01	-3.200E-02
7.200	27.000	2.4	0 718E-01	10	4.4766-01	1 7216-03	4 4005 02		. 3446	3446
200	23.00		10-36110		10-3614.	50 313111	20 3904-4	20 35000	10 340001	1304706
2000	001-12		10-2162.6	13.15	יייייייייייייייייייייייייייייייייייייי	1110	4.37.1E UZ	200300	10.3636 01	0-3/06-6-
004.	27.200	4.7	9.659E-01	19.20	4.473E-01	-1.570E-03	4.381E 02	5.451E 02	1.363E 01	14.7841
1.500	27.300	2.0	9.633E-01	19.24	4.472E-01	-1.628E-03	4.365E 02	5. E43E 02	1.3636 01	-4.961F-0
7.600	27.400	2.0	9.654E-01	19.29	4.471E-01	-1.196E-04	4.379E 02	5.878E 02	1.363E 01	-3.646F-0
7.700	27.500	2.2	9.632E-01	19.32	4.472F-01	3.9586-04	4.369E 02	5.890E 02	1.363E 01	1.206E-02
7.800	27.600	1.9	9.6536-01	19.35	4.474E-01	9.399E-04	4.379E 02	5.858E 02	1.364E 01	2.865F-0
7.900	27.700	5.4	9.637E-01	19.41	4.473E-01	-9.584E-04	4.371E 02	5.9176 02	1.3636 01	-2.921E-02
8.000	27,800	1.9	•	19.45	4.473E-01	-3.008E-05	4.348E 02	5.930E 02	1.363E 01	-9.168F-04
8.100	27.900	5.4	9.636E-01	19.61	4.475E-01	4.580E-05	4.371E 02	5.947E 02	1.364E 01	1.3966-03
8.200	28.000	2.3	9.621E-01	19.57	4.475E-01	-1.322E-03	4.364E 02	5.966E 02	1.364E 01	-4.030E-02
38.300	28.100	1.1	9.576E-01	19.62	4.4746-01	-1.655E-03	4.343E 02	5.981E 02	1.364E 01	-5.044E-02
8.400	28.200	2.2	9.628E-01	19.61	4.473E-01	-2.081E-03	4.367E 02	5.95&E 02	1.363E 01	-6.342E-02
8.500	28.300	2.4	9.564E-01	19.71	4.472E-01	-1.951E-03	4.338E 02	6-0C7E 02	1.363E 01	-5.947E-0
8.600	28.400	2.5	9.609E-01	19.75	1	7.089E-04	4.359E 02	6.020F 02	1.363E 01	2.161E-02
8.700	28.500	2.1	9.611E-01	19.81	4.472F-01	6.768E-04	4.359E 02	6-0376 02	1.363E 01	2.063F-0
38.800	28.600	2.0	-	19.82	4.4746-01	1-256E-03	4.342E 02	6.042F 02	1-366F 01	3.828E-02
38.900	28.700	2.0	9-568F-01	19.86	4-4748-01	-1.012F-03	4.340F 02		1.364F 01	-3.084 F- 02
0000	28.800	2.3	9.583F-01	19.93	!	-2.960F-04	4.3476 02	95.0	1.3646 01	-9.022F-03
39.100	28.000		9.587E-01	19.06	4.4726-01	-0.7756-05	4. 349E 02	95.00	1. 3436 01	900
200	20.00		S S OF D I	30.00	4.474	11.06.36.03	4.3446 02	2000	10 3666	4366
200	2000		10-3000-0	20.02	10-3414	CO-35-90-1-	30 30 30 7	20 35600	10 3406 .	10.000
37.300	201.62	7.7	10-346-6	50.03		CO-3604-1-	4.3365 02		10 3636 01	2010000
39.400	29.200	2.0	9.563E-01	50.09	L	-2.063E-03	** 3 38E 02	36	1.3636 01	-6.288E-02
9.500	29.300	2.4	9.571E-01	20.13	4.471E-01	-1.118E-03	4.341E 02		1.3636 01	101
39.600	29.400	1.8	9.590E-01	20.18	4.471E-01	-4.867E-04	4.390E 02	6.151E 02	1.363€ 01	-1.484E-02
19. 700	29.500	2.5	9.5506-01	20.23	4.472E-01	-1.005E-04	4.35.28 02	6-167E 02	1.363E 01	Pus F
39.800	29.600	2.6	9.573E-01	20.28		1-4305-03	4.3426 02	6-182F 02	1.364E 01	359E-
006-61	29.700	1.9	9.617F-01	20.34	175	9.290F-04	4.362F 02	6-199F 02	10 3445	2.8326-0
40.000	29.800	1.8	9.5676-01	20.30	-	-4.031E-04	4.3406 02	A. 214E 02	1.3646 01	220
	2000		10 31070		,	10000		10 11110	40 310000	
200				-		-		******		

7

EXPERIMENTAL GATA

VARIABLE LENGTH CABLE SYSTEPS DYNAMICS

FT/SEC FT/SEC/SEC GRAP CASSES	SION LE
1776-01 -1.6246-03 4.3460 02 6.2356 02 1.3646 01 1.376-01 -1.0886-03 4.3360 02 6.2556 02 1.3636 01 1.376-01 -1.0886-03 4.3360 02 6.2556 02 1.3636 01 1.376-01 -1.0886-03 4.3680 02 6.2366 02 1.3636 01 1.376-01 -1.0876-03 4.3460 02 6.2366 02 1.3636 01 1.376-01 -1.0876-03 4.3460 02 6.326 02 1.3636 01 1.3646 01 1.3646-03 4.3360 02 6.326 02 1.3646 01 1.3646-03 4.3360 02 6.326 02 1.3646 01 1.3646-03 4.3360 02 6.326 02 1.3646 01 1.3646-03 4.3360 02 6.326 02 1.3646 01 1.3646 01 1.3646-03 4.3360 02 6.3460 02 1.3646 01 1.3646-03 4.3360 02 6.3460 02 1.3646 01 1.3646-03 4.3760 02 6.4460 02 1.3646 01 1.3646-03 4.3460 02 6.4460 02 1.3646 01 1.3646-03 4.3460 02 6.4460 02 1.3646 01 1.3646-03 4.3460 02 6.4460 02 1.3646 01 1.3646-03 4.3460 02 6.4460 02 1.3646 01 1.3646-03 4.3640 02 6.4460 02 1.3646 01 1.3646-03 4.3640 02 6.4460 02 1.3646 01 1.3646-03 4.3640 02 6.4460 02 1.3646 01 1.3646-03 4.3640 02 6.4460 02 1.3646 01 1.3646-03 4.3640 02 6.4460 02 1.3646 01 1.3646-03 4.3640 02 6.4460 02 1.3646 01 1.3646-03 4.3640 02 6.4460 02 1.3646 01 1.3646-03 4.3640 02 6.4460 02 1.3646 01 1.3646-03 4.3640 02 6.4460 02 1.3646 01 1.3646-03 4.3640 02 6.4460 02 1.3646 01 1.3646-03 4.3640 02 6.4460 02 1.3646 01 1.3646-03 4.3640 02 6.4460 02 1.3646 01 1.3646-03 4.3640 02 6.4460 02 1.3646 01 1.3646-03 4.3640 02 6.4460 02 1.3646 01 1.3646-03 4.3640 02 6.4460 02 1.3646 01 1.3646-03 4.3640 02 6.4460 02 1.3646 01 1.3646-03 4.3660 02 6.4460 02 1.3646 01 1.3646-03 4.3660 02 6.4460 02 1.3646 01 1.3646-03 4.3660 02 6.4460 02 1.3646 01 1.3646-03 4.3660 02 6.4460 02 1.3646 01 1.3646-03 4.3660 02 6.4460 02 1.3646 01 1.3646-03 4.3660 02 6.4460 02 1.3646 01 1.3646-03 4.3660 02 6.4460 02 1.3646 01 1.3646-03 4.3660 02 6.4460 02 1.3646 01 1.3646-03 4.3660 02 6.4460 02 1.3646 01 1.3646-03 4.3660 02 6.4460 02 1.3646 01 1.3646-03 4.3660 02 6.4460 02 1.3646 01 1.3646-03 4.3660 02 6.4460 02 1.3646 01 1.3646-03 4.3660 02 6.4460 02 1.3646 01 1.3646-03 4.3660 02 6.4460 02 1.3646 01 1.3646-03 4.3660 02 6.4460 02 1.3646 01 1.3646-03 4.3660 02 6.4460 02 1.3646 01 1.3646-03 4.	LBS FT
Colored	9.612E-01 20.47 4.4
F-01 5.33 F-05 4.36 F 02 6.27 F 02 1.36	
F-01	9.627E-01 20.60 4.4
F-01	5.629E-01 20.65 4.4
1.642E-03	9.641E-01 20.69
Fe-01	9.661E-01 20.75 4.
777E-01 - 7.9629E-04	9.618E-01 20.17
471E-01 -1.2390E-03 +1.372E 02 6.354E 02 1.363E 01 471E-01 -2.280E-03 4.372E 02 6.354E 02 1.363E 01 471E-01 -2.280E-03 4.372E 02 6.456E 02 1.363E 01 472E-01 -3.41E-03 4.372E 02 6.456E 02 1.363E 01 472E-01 -3.41E-03 4.372E 02 6.456E 02 1.363E 01 1.364E 01 1.282E-03 4.372E 02 6.456E 02 1.363E 01 1.364E 01 1.282E-03 4.374E 02 6.456E 02 1.364E 01 1.364E 01 1.282E-01 -4.346E 02 6.466E 02 1.364E 01	9.622
477E-01 -2.280E-03 4.377E 02 6.40E 02 1.363E 01 477E-01 -1.056E-03 4.377E 02 6.40E 02 1.363E 01 477E-01 -1.341E-03 4.377E 02 6.40E 02 1.363E 01 477E-01 1.341E-03 4.377E 02 6.40E 02 1.363E 01 477E-01 1.534E-03 4.376E 02 6.40E 02 1.365E 01 477E-01 -1.606E-04 4.376E 02 6.40E 02 1.365E 01 477E-01 -1.606E-04 4.364E 02 6.40E 02 1.364E 01 477E-01 -1.606E-04 4.364E 02 6.40E 02 1.364E 01 477E-01 -1.606E-04 4.364E 02 6.50E 02 1.364E 01 477E-01 -1.537E-03 4.364E 02 6.516E 02 1.364E 01 477E-01 -1.537E-03 4.364E 02 6.516E 02 1.364E 01 477E-01 -1.557E-03 4.364E 02 6.516E 02 1.363E 01 477E-01 -1.557E-04 4.366E 02 6.516E 02 1.364E 01 477E-01 -1.657E-03 4.366E 02 6.516E 02 1.364E 01 477E-01 -1.676E-03 4.366E 02 6.766E 02 1.364E 01 477E-01 -2.290E-04 4.376E 02 6.766E 02 1.364E 01 477E-01 -2.290E-04 4.376E 02 6.766E 02 1.364E 01 477E-01 -2.290E-04 4.376E 02 6.766E 02 1.364E 01 477E-01 -3.495E-04 4.426E 02 6.766E 02 1.364E 01 477E-01 -3.495E-04 4.436E 02 6.766E 02 1.364E 01 477E-01 -3.495E-04 4.436E 02 6.766E 02 1.364E 01 477E-01 -3.495E-04 4.436E 02 6.766E 02 1.364E 01	10-90/9°6
477E-01 -1.056E-03 4.377E 02 6.45E 02 1.363E 01 477E-01 -1.341E-03 4.377E 02 6.45E 02 1.363E 01 477E-01 -1.341E-03 4.372E 02 6.45E 02 1.363E 01 477E-01 -1.341E-03 4.372E 02 6.45E 02 1.363E 01 477E-01 -1.566E-03 4.372E 02 6.45E 02 1.364E 01 477E-01 -1.566E-03 4.372E 02 6.45E 02 1.364E 01 477E-01 -1.566E-04 4.372E 02 6.45E 02 1.364E 01 477E-01 -1.566E-04 4.372E 02 6.50E 02 1.364E 01 477E-01 -1.537E-03 4.364E 02 6.51E 02 1.364E 01 477E-01 -1.537E-03 4.369E 02 6.51E 02 1.363E 01 477E-01 -1.552E-03 4.365E 02 6.51E 02 1.363E 01 477E-01 -3.958E-04 4.365E 02 6.51E 02 1.363E 01 477E-01 -3.958E-04 4.365E 02 6.51E 02 1.364E 01 477E-01 -3.958E-04 4.366E 02 6.51E 02 1.364E 01 477E-01 -1.849E-04 4.336E 02 6.645E 02 1.364E 01 477E-01 -1.849E-04 4.336E 02 6.645E 02 1.364E 01 477E-01 -1.849E-04 4.336E 02 6.645E 02 1.364E 01 477E-01 -1.864E-03 4.336E 02 6.645E 02 1.364E 01 477E-01 -1.849E-04 4.336E 02 6.465E 02 1.364E 01 477E-01 -1.849E-04 4.336E 02 6.465E 02 1.364E 01 477E-01 -1.849E-04 4.336E 02 6.465E 02 1.364E 01 477E-01 -1.846E-03 4.336E 02 6.771E 02 1.364E 01 477E-01 -1.864E-03 4.336E 02 6.771E 02 1.364E 01 477E-01 -1.864E-04 4.336E 02 6.78E 02 1.364E 01 477E-01 -1.864E-04 4.356E 02 6.78E 02 1.364E 01 477E-01 -2.290E-04 4.336E 02 6.78E 02 1.364E 01 477E-01 -2.290E-04 4.336E 02 6.78E 02 1.364E 01 477E-01 -2.290E-04 4.336E 02 6.78E 02 1.364E 01 477E-01 -3.445E-04 6.356E 02 6.78E 02 1.364E 01 477E-01 -3.445E-04 6.356E 02 6.78E 02 1.364E 01 477E-01 -3.445E-04 6.356E 02 1.364E 02 1.364E 01 477E-01 -3.445E-04 6.356E 02 6.78E 02 1.364E 01 477E-01 -3.445E-04 6.356E 02 6.78E 02 1.364E 01 477E-01 -3.445E-04 6.356E 02 6.78E 02 1.364E 01 477E-01 -3.445E-04 6.356E 02 1.364E 02 1.364E 01 477E-01 -3.445E-04 6.356E 02 6.78E 02 1.364E 01 477E-01 -3.445E-04 6.356E 02 6.78E 02 1.364E 01 477E-01 -3.445E-04 6.356E 02 6.78E 02 1.364E 01 477E-01 -3.445E-04	9.038E-01
-5.127E-05	6 449
	9.611E-01
E-01 1.282E-03 4.344E 02 6.453E 02 1.364E 01 1.534E-03 4.374E 02 6.463E 02 1.364E 01 1.364E 01 1.534E-03 4.374E 02 6.463E 02 1.364E 01 1.362E-04 4.364E 02 6.466E 02 1.364E 01 1.362E-03 4.364E 02 6.516E 02 1.363E 01 1	9.638E-01 21
1.534E-03	9.621E-01 21.16 4
-1.606F-04	9.643E-01 21
-7.28 -7.2	9.598E-01 21.25 4.4
-1,427E-03	9.621E-01 21.29 4.4
-1.53 -1.53 -1.53 -1.54 -1.53 -1.5	9.641E-01 21.32 4.4
1	9.022E-01 21.38 4.4
E-01 2.434E-04 4.352E C2 6.554E 02 1.363E 01 1.224E-03 4.352E C2 6.564E 02 1.363E 01 1.224E-03 4.362E 02 6.564E 02 1.363E 01 1.224E-03 4.362E 02 6.564E 02 1.363E 01 1.362E 01 1.362E 01 1.362E 01 1.362E 01 1.363E 01 1	21.46 4.4
-1.639E-04	9.5946-01 21.50 4.4
1.224 0.34	9.852E-01 21.54 4.4
1	9.682E-01
-3.956E-04	9.623E-01 21.64
1.00 -0.504=04 4.372 0.2 0.625 0.2 1.364 0.1 -0.504=04 -0.525 0.2 0.645 0.2 1.364 0.1 -0.525 0.2 0.645 0	9.76E-01
1.00 -1.00	5.639E-01 21.75
1.0 -7.984 -0.0 -7.984 -0.0	0 4646-01
-5.387E-04	9.581F-01 21.90
E-01 -1.196E-03	9.5596-01
470E-01 -1.013E-03	9.627E-01
E-01 0.524E-04 4.344E 02 6.723E 02 1.363E 01 2. E-01 1.596E-03 4.373E 02 6.73E 02 1.363E 01 4. E-01 -1.15E-03 4.354E 02 6.741E 02 1.363E 01 -3. E-01 -2.010E-03 4.354E 02 6.771E 02 1.364E 01 -4. E-01 -2.010E-03 4.359E 02 6.71E 02 1.363E 01 -4. E-01 -2.290E-04 4.35E 02 6.75E 02 1.363E 01 -3. E-01 -3.445E-04 4.421E 02 6.454E 02 1.364E 01 -1. E-01 -3.445E-04 4.421E 02 6.454E 02 1.364E 01 -3.	9.602E-01 22.01 4
E-01 1.594E-03 4.373E 02 6.732E 02 1.363E 01 4. E-01 -1.155E-03 4.354E 02 6.745E 02 1.363E 01 1. E-01 -1.565E-03 4.354E 02 6.71E 02 1.364E 01 -3. E-01 -2.010E-03 4.359E 02 6.71E 02 1.364E 01 -4. E-01 -2.290E-04 4.359E 02 6.759E 02 1.363E 01 -3. E-01 -2.290E-04 4.356E 02 6.85E 02 1.363E 01 -6. E-01 -3.445E-04 4.315E 02 6.85E 02 1.364E 01 -3.	9.578E-01 22.06
E-01 5.257E-04 4.368E 02 6.745E 02 1.363E 01 1. E-01 -1.179E-03 4.352E 02 6.761E 02 1.363E 01 -3. E-01 -2.010E-03 4.359E 02 6.716E 02 1.363E 01 -4. E-01 -2.290E-04 4.359E 02 6.79E 02 1.363E 01 -3. E-01 -2.290E-04 4.316E 02 6.85E 02 1.363E 01 -6. E-01 -2.290E-04 4.318E 02 6.65E 02 1.364E 01 3.	9.6416-01
E-01 -1.175E-03 4.3526 02 6.7616 02 1.3636 01 -3. E-01 -1.565E-03 4.3546 02 6.7716 02 1.3646 01 -4. E-01 -2.016E-03 4.3546 02 6.7756 02 1.3636 01 -3. E-01 -2.290E-04 4.3566 02 6.8156 02 1.3636 01 -4. E-01 -3.445E-04 4.3166 02 6.8156 02 1.3636 01 -6. E-01 2.290E-04 4.4216 02 6.856 02 1.3636 01 -1. E-01 2.275E-04 4.4236 02 6.8566 02 1.3646 01 7.	9.629E-01 22.14 4.4
E-01 -1.565E-03 4.354E 02 6.771E 02 1.364E 01 -4. E-01 -2.010E-03 4.359E 02 6.766E 02 1.363E 01 -5. E-01 -1.261E-03 4.342E 02 6.759E 02 1.363E 01 -3. E-01 -2.290E-04 4.356E 02 6.815E 02 1.363E 01 -6. E-01 -3.445E-04 4.316E 02 6.646E 02 1.363E 01 -1. E-01 1.873E-04 4.423E 02 6.646E 02 1.364E 01 3.	9.5956-01 22.18 4.4
E-01 -2.010E-03 4.359E 02 6.726E 02 1.363E 01 -6. E-01 -1.261E-03 4.342E 02 6.759E 02 1.363E 01 -3. E-01 -2.290E-04 4.358E 02 6.815E 02 1.363E 01 -6. E-01 -3.445E-04 4.316E 02 6.845E 02 1.364E 01 -1. E-01 2.297E-04 4.432E 02 6.85E 02 1.364E 01 3.	9.600E-01 22.22 4.4
E-01 -1.261E-03 4.342E 02 4.759E 02 1.343E 01 -3.844E- E-01 -2.290E-04 4.358E 02 6.815E 02 1.343E 01 -6.980E- E-01 -3.445E-04 4.316E 02 6.855E 02 1.345E 01 -1.050E- E-01 2.297E-04 4.373E 02 6.856E 02 1.344E 01 5.001E- E-01 1.873E-04 4.373E 02 6.856E 02 1.344E 01 5.001E-	9.610E-01 22.26 4.4
E-01 -2.290E-04 4.350E 02 6.815E 02 1.363E 01 -6.980E- E-01 -3.445E-04 4.316E 02 6.825E 02 1.363E 01 -1.050E- E-01 2.297E-04 4.433E 02 6.856E 02 1.364E 01 5.709E-	9.572E-01 22.31 4.4
E-01 -3.445E-04 4.316E 02 6.825E 02 1.363E 01 -1.050E- E-01 2.297E-04 4.423E 02 6.646E 02 1.364E 01 7.001E- E-01 1.873E-04 4.373E 02 6.85E 02 1.364E 01 5.709E-	9-6076-01
E-01 2.297E-04 4.423E 02 6.646E 02 1.344E 01 7.0	9.5156-01 22.41 4
E-01 1.873E-04 4.373E 02 6.858E 02 1.364E 01 5.7	9.7506-01 22.46 4
TO THE PERSON OF	9.4416-01 22.50 4

akta.

EXPERIMENTAL CATA

		1120	TELETION	THU THE	VELOCITY	ACCEL.	TENSIEN	LENGTH	VELOCITY	ACCEL.
RCDR	TINE N	ANGLE								
SEC	SEC	930	188	t	FT/SEC	FT/SEC/SEC	CRAP	t	C#/SEC	CM/SEC/SEC
44.800	34.600	7.4	9.5136-01	22.56	4.475E-01	5.072E-04	4.315E 02	6.E75E 02	1.3646 01	1.5465-0
44.900	34.700	5.4	9.683E-01	22.61	4.475E-01	6.433E-04	4.392E 02	6.89CE 02	1.3646 01	1.9616-0
45.000	34.800	5.5	9-618E-01	22.66	4.4758-01	-6.713E-04	4.3636 02	6.507£ 02	1.364€ 01	-2.046E-0
45.100	34.900	2.3	9.535E-01	22.70	4.475E-01	-2.110E-03	4.325E 02	6-915E 02	1.3646 01	-6.432E-0
45.200	35.000	1.8	1	22.73	4.472E-01	-2.580E-03	4.389E 02	6.528E 02	1.3636 01	-7.863E-0
45.300	35.100	5.5	9.667E-01	22.78	4.4716-01	-1.483E-03	4.385E 02	6.9436 02	1.3636 01	-4.521E-0
45.400	35.200	2.3	9.584E-01	22.83	4.4716-01	-4.785E-06	4.347E 02	6.5566 02	1.363E 01	-1.459E-04
45.500	35.300	2.0	9.631E-01	22.87	4.470E-01	2.31 7E-04	4.369E 02	6.5716 02	1.363E 01	7.063E-0
45.600	35.400	2.1	9.707E-01	22.91	4.4716-01	5.722E-04	4.403E 02	6.584E 02	1.363E 01	1.7445-0
45.700	35.500	2.2	5.604E-01	22.95	4.472E-01	-6-645E-04	4.356E 02	6.5548 02	1.363E 01	-2.025E-02
45.800	35.600	5.4	9.614E-01	22.99	4.472E-01	5.674E-05	4.361E 02	7.007E 02	1.363€ 01	1.7296-0
45.900	35.700	1.6	9.6316-01	23.04	4.472E-01	5.141E-04	4.369E 02	7.024E 02	1.363E 01	1.567E-0
46.000	35.800	2.3	9.583E-01	23.08	4.4736-01	-1.5596-03	4.347E 02	7.03%E 02		-4-751E-0
46-100	35.900	2.2	9.611E-01	23.14	4.473E-01	-1.864E-03	4.359E 02	7.032E 02		-5-682E-0
46-200	36.000	1.1	9.6376-01	23.18	4.473E-01	-1-413E-03	4.371E 02	7.0648 02		-4-307E-0
46.300	36.100	2.2	9.5896-01	23.23	4.471E-01	-1.1136-03	4.349E 02	7.080E 02	1.3636 01	-3.392E-0
46.400	36.200	2.4	9.611E-01	23.28	4.471E-01	9.270E-04	4.360E 02	7.055E 02	1.363E 01	2.625€-0
46.500	36.300	2.5	9.6296-01	23.32	4.473E-01	-4-587E-04	4.367E 02	7.1076 02	1.363E 01	-1-398F-0
46.600	36.400	2.1	9.627E-01	23.37	4.472E-01	-1.155E-03	4.367E 02	7.122E 02	1.3636 01	-3.521E-0
46.700	36.500	1.7	9.627E-01	23.41	4.472E-01	-5.250E-04	4.367E 02	7.1346 02		-1.600F-0
46.800	36.600	5.4	9.696E-01	23.44	4.473E-01	1.0836-03	4.398E 02	7.144€ 02		3.302F-0
46.900	36.700	2.3	9.649E-01	23.48	4.473E-01	6.938E-04	4.377€ 02	7.157E 02		2.115E-0
47.000	36.800	1.6	9.608E-01	23.53	4.473E-01	-1.132F-03	4.358E 02	7.172E 02	1.3636 01	-3.450E-02
47.100	36.900	2.2	9.722E-01	23.57	4.472E-01	-2.055E-03	4.4106 02	7.105E 02	1.3636 01	-6.263E-0
41.200	37.000	2.1	9.665E-01	23.62	4.471E-01	-2.690E-03	4.384E 02	7.158E 02	1.3636 01	-366
47.300	37.100	2.1	9.623E-01	23.66	4.470E-01	-9.358E-04	4.365E 02	7.211E 02	1.362E 01	-2.052E-02
41.400	37.200	1.9	9.7336-01	53.69	4.471E-01	-8.0666-04	4.415E 02	7.219E 02	1.3636 01	-2.459E-02
47.500	37.300	2.3	9.668E-01	23.75	4.470E-01	-8.395E-04	4.385E 02	7.240E 02	1.3626 01	-2.559F-0
47.600	37.400	2.1	9.627E-01	23.79	4.470E-01	-1.5046-04	4.367E 02	7.250E 02	1.3626 01	-4.584FO
47.700	37.500	1.9	9.6596-01	23.84	4.471E-01	1.0596-03	4.381£ 02	7.266E 02	1.363E 01	3.227E-02
47.800	37.600	5.4	9.661E-01	23.90	4.4736-01	1.1126-03	4.382E 02	7.285E 02	1.363€ 01	3.390E-02
47.900	37.700	2.5	9.661E-01	23.95	4.475 1-01	3.6166-04	4.382E 02	7.299E 02	1.364E 01	1.102F-02
48.000	37.800	2.5	9.664E-01	23.99	4.474E-01	-2.311E-03	4.383E 02	7.312E 02	1.364E 01	-7.045E-02
48-100	37.900	2.4	9.651E-01	24.04	4.473E-01	-2.727E-03	4.378E 02	7.327E 02	1.363E 01	-8.31 1E-0
48.200	38.000	5.4	9.657E-01	24.08	4.471E-01	-2.466E-03	4.380E 02	7.340E 02	1.3636 01	-7.518E-0
40.300	38.100	2.5	9.664E-01	24.12	4.469E-01	2.461E-05	4.383£ 02	7.353€ 02	1.362E 01	7.501E-0
48.400	38.200	1.6	9.652E-01	24.16	4.470E-01	7.581E-04	4.378E 02	7.343E 02	1.3626 01	2.3116-02
48.500	38.300	2.1	9.645E-01	24.20	4.472E-01	1.237E-03	4.375£ 02	7.375E 02	1.363E 01	3.769E-02
48.600	38.400	2.4	9.656E-01	24.26	4.471E-01	3.746E-04	4.380E 02	7.393E 02	1.3636 01	1-1426-0
48- 700	36.500	1.9	9.651E-01	54.29	4.473E-01	3.6096-04	4.378E 02	7.404E 02	1.3638 01	1.100F-0
48.800	38.600	2.3	9.685E-01	24.33	4.473E-01	4.040E-04	4.393E 02	7.417E 02	1.343E 01	1.2316-02
48.900	38.700	1.9	9.670E-01	24.37	4.475E-01	-4.272E-04	4.386E 02	7.428E 02	1.364E 01	-1.302E-0
49.000	38.800	2.4	9.655E-01	24.42	4.473E-01	-2.505E-03'	4.380E 02	7.442E 02		-7.636E-0
49.100	38.900	5.6	9.685E-01	24.46	4.472E-01	-2.825E-03	4.393E 02	7.456E 02	1.363E 01	-8.609E-0
49.200	39.000	2.0	9.675E-01	24.51	4-470F-01	-1-61 36-03	4 100E A3	* * * * * * * * *		AL OTERA
1 1	-				***		20 30000	10 10 DE 02	103636 01	•

EXPERIMENTAL DATA

LINE	1145	ANGLE	IENSI ON	LENGIA	ALLOCALA	MULET.	I CHOICH	Leneta	*******	ALLELO
SEC	SEC	DEG	185	F	FT/SEC	FT/SEC/SEC	GRAP	185v Ct	CHISEC	CM/SEC/SEC
49.400	39.200	5.4	5	24.60	*	1.600E-04		7.45 BE 02	36	
	39.300	2.2	9.696E-01	24.65	4.473E-01	6.316E-04	4.358E 02	7.513E 02	-	1.925E-02
49.600	39.400	5.4	9.719E-01	24.70	2	-4.997E-04	4.4CBE 02	7.525E 02	w	
	34.500	2.1	9.669E-01	24.75	474E-	8-880E-04		7.544E 02	3646	2.707E-02
	39.600	2.2	9.717E-01	24.80	ı	9.3456-04		7.559E 02	364E	2.848E-02
	39.700	2.4	9.692E-01	24.83	4.474E-01	-1.341E-03		7.568E 02	-	-4.088E-02
	39.800	1.5	.682	24.86	4.472E-01	-2.504E-03		7.577E 02	363€	-7.632E-02
	39.900	2.1	9.709E-01	24.90	4.471E-01	-2.810E-03		7.590E 02	3636	-8.564E-02
	40.000	2.4	649	24.96	699	-2.799E-03	176		362E	-8-532E-02
	40.100	1.5	.643	24.99	4.468E-01	4.300E-04		7.616E 02	362E	1-3116-02
	40-200	2.3	9.649E-01	25.04	4	9.201E-04	377E	7.632E 02	362E	2-805E-02
	40.300	1.9	.635	25.08	4.471E-01	8.490E-04		7.646E 02	363E	2-588E-02
	40.400	2.4	9.665E-01	25.12	471E-	-5.031E-04		7.658E 02	363E	-1.534E-02
	40.500	2.5	9.691E-01	25.17	4.472E-01	-5.71.5E-04		7.672E 02	3636	-1-7425-02
	40.600	1.9	9.663E-01	25.22	471E	-2.181E-04		7.686E 02	363E	-6.647E-03
	40.700	2.0	9.685E-01	25.26	1	-8.183E-04	393E	7.70CE 02	363E	-2.494E-02
	40.800	2.3	9.710E-01	25.32	4.473E-01	-1.569E-03		7.717E 02	363E	-4.782E-02
	40.900	2.2	9.685E-01	25.37	4.471E-01	-2.205E-03	4.393E 02	7.732E 02	363€	-6.720E-02
	41.000	2.4	9.698E-01	25.41	4.470E-01	-8.531E-04		7.745E 02	362E	-2.600E-02
	41.100	2.2	9.698E-01	25.46	4.471E-01	-4.922E-05		7.159E 02	363E	-1.500E-03
	41.200	2.3	9.792E-01	25.51	4.472E-01	9.960E-04		7.174E 02	363E	3.036E-02
1	41.300	2.4	9.772E-01	25.55	4.472E-01	3.972E-04	432E	7.787E 02	363E	1.2115-02
	41.400	2.5	9.831E-01	25.59	4.471E-01	1-2446-04	365 t	7.75SE 02	3€3€	3.7926-03
	41.500	2.2	9.836E-01	25.65	4.473E-01	1.222E-03	319	7.817E 02	0.50	3.7255-02
	41.600	1.6	9.809E-01	25.70	4.474E-01	-5.079E-04	3649	7.8326 02		-1.548E-02
	41.700	2.3	9.813E-01	25.73	4.472E-01	-1.719E-03	151E	7.843E 02	2000	-5.238E-02
	41.800	1.6	.857	25.79	4.470E-01	-2.650E-03		7.861E 02		-8.076E-02
	41.900	2.2	. 839	25.81	4.471E-01	-2.926E-03		7.868E 02	1.363E 01	-8.918E-02
	45.000	2.4	9.7896-01	25.86	4.46BE-01	-3.274E-04		7.882E 02		-9.980E-03
	45.100	2.5	9.888E-01	25.91	4.468E-01	3.3436-04	4.485E 02	7.898E 02	770	1.019E-02
	45.200	1.6	.00.	25.96	4.469E-01	8.12F-Q		7.912E 02	7	2.575E-02
	45.300	2.1	2	26.01	4.471E-01	-7.752E-04	396	7.928E 02		-2.3635-02
	45.400	2.3	.882	26.07	4.472E-01	2.871E-04	4.482E 02	7.545E 02		8.751F-03
002	42.500	2.4	.893	26.11	1.	3-110E-04	300			9.480E-03
900	45.600	2.2	.87	26.16	4.472E-01	-9.557E-04	49E		-35	-2.913E-02
006	45.700	1.9	. 822	26.21		-7.068E-04	155E	7.589E 02	-	-2.154E-02
000	45.800	1.7	9.869E-01	26.25	4.471E-01	-2.140E-03	476E	8.002E 02	3636	-6.524E-02
001	42.900	2.1	.793	26.30	4.468E-01	-1.918E-03	142E		-	-5.847E-02
.200	43.000	2.3	9.809E-01	26.31	4.470E-01	1.367E-05		•	1.362E 01	4.167F-0
.300	43-100	2.5	9.855E-01	26.36	4.470E-01	-2.324E-05	106	8.034E 02	1.362E 01	-7.084E-0
004	43.200	•:-	9.790E-01	26.42	4.471E-01	1.298E-03	1416	8.053E 02		-325e
. 500	43.300	2.1	9.720E-01	26.45	4.470E-01	1.982E-05	109E	8.062E 02	.070	•
009.	43.400	1.9	9.958E-01	26.90	4.471E-01	1.0946-04	311E	8.078E 02	363E	334F
.700	43.500	2.4		26.54	4.472E-01	-1.107E-04	4.486E 02	8.0916 02	363E	-3.375F-03
53.800	43.600	2.2	839	26.58	12	-1-402E-03	44.35		34.96	
		-			2000			20 3701 00		-2012/CT-C-

EXPERIMENTAL CATA

			TENCTON	LENGTH	VELOCITY	ACCEL.	TENSIEN	I FNGTH	VELOCITY	ACCEL
RCOR	RUN	1000		LENGIN				Carried State of the last		
25.5	111	ANGLE	186		67/666	E1 1665 1665			Culter	Culter Jee
256	Sec	DEC	683		FIVSEC	FI/SEC/SEC	GKAP	5	CENSEC	CHISELISE
24.000	43.800	2.3	9-820E-01	26.68	4.470E-01	-2.758E-03	4.454E 02	8.132E 02	1.362E 01	-8.405E-02
24-100	43.900	2.5	4.869E-01	26.74	4.467E-01	-1.216E-03	4.477E 02	8.149£ 02	1.362E 01	-3.707E-0
24.200	44.000	5.6	5.809E-01	26.79	4.470E-01	3.696E-04	4.4498 02	8.166E 02	1.362E 01	1.188E-0
24.300	44.100	2.6	9.841E-01	26.64	4.470E-01	5.811E-05	4.464E 02	8.180E 02	1.363E 01	1.771E-0
24.400	44.200	2.6	5.837E-01	56.89	4.471E-01	1-1096-03	4.462E 02	8.157E 02	1.363E 01	3.382E-0
24.500	44.300	5.5	9.805E-01	-56.94	4.473E-01	-4.512E-05	4.447E 02	8.211E 02	1.363E 01	-1.375E-03
24.600	44.400	2.4	9.827E-01	56.59	4.472E-01	9.365E-05	4.457E 02	8.227E 02	1.363E 01	2.855E-03
24.700	44.500	2.4	9.773E-01	27.04	4.4736-01	-7.041E-04	4.4336 02	8.242E 02	1.3636 01	-2.146E-0
24.800	44.600	5.5	9.824E-01	27.06	4.471E-01	-2.254E-03	4.456E 02	8.248E 02	1.363E 01	-6.872E-0
24.900	44.700	1.6	9.802E-01	27.11	4.470E-01	-9.126€-04	4.446E 02	8.263E 02	1.362E 01	-2.782E-0
92.000	44.800	2.0	9.785E-01	27.16	4.469E-01		4.438E 02	8.2786 02	1.362E 01	-8.722E-0
92.100	44.900	4.2	9.805E-01	27.20	4.468E-01	-7.403E-04	4.448E 02	8.250E 02	1.3626 01	-2.257E-0
55.200	45.000	1.1	9.812E-01	27.25	4.468E-01	2.105F-04	4.450E 02	8.305E 02	1.342E 01	6.417E-0
55.300	45.100	2.4	9.7716-01	27.27	4.4696-01	7.909E-04	4.432E 02	8-3126 02	1.362E 01	2.411E-0
55.400	45.200	2.6	9.757E-01	27.32	4.471 6-01	1.3396-03	4.426E 02	8.328E 02	1.3636 01	4.082E-0
55.500	45.300	5.5	9.758E-01	27.37	4.4716-01	1.5246-04	4.426E 02	8.343E 02	1.3636 01	4.646F-0
92.600	45.400	2.3	9.732E-01	27.42	4.4726-01	-5.879E-05	4.414E 02	8.356E 02	1.363€ 01	-1.792E-03
55- 700	45.500	1.1	9.555E-01	27.47	4.472E-01	-7.479E-04		8.373E 02	1.363E 01	-2.279E-0
55.800	45.600	1.1	9.897E-01	27.52	4.4736-01	-1.618E-03	100	8.388E 02	1.3646 01	-4.932E-0
92.900	45.700	1.1	9.7406-01	27.57	4.4726-01	-1-190E-03	0277	8.404E 02	1.3636 01	-3.628F-0
26.000	45.800	1.1	9.545E-01	27.61	4.470E-01	-2.754E-03		8.4176 02	1.3636 01	-6.393€-0
26.100	45.900	1.8	9.698E-01	27.67	4.470E-01	-4.382E-04	-	8.439E 92	1.363E 01	-1.336F-0
26.200	46.000	1.7	9.688E-01	27.71	4.4716-01	1.0736-04	4-394E 02	8.447E 02	1.3636 01	3.271E-0
26.300	46.100	1.9	9.544E-01	27.77	4.470E-01	6.8975-04		8.444E 02	1.3636 01	2.102E-0
26.400	46.200	2.2	9.566E-01	27.80	4.4716-01	3.7126-04	-	8-473€ 02	1.3636 01	1.1316-07
26-500	46.300	5.4	9.683E-01	27.84	4.472E-01	2.099E-04	4.392E 02	8.487E 02	1.3636 01	6.397E-0
26.600	46.400	2.4	9.610E-01	27.89	4.472E-01	-3.199E-04	4-359E 02	8.501E 02	1.3636 01	-9.751E-0
26.700	46.500	2.0	9.492E-01	27.93	4.472E-01	-1-427E-03	4.306E 02	8.514E 02	1.3636 01	-4.348E-0
26.800	46.600	2.0	9.651E-01	27.98	4.4706-01	-2.239E-03	4.378E 02	8.5278 02	1.3626 01	-6.824E-0
26.900	46.700	5.5	9.622E-01	28.02	4.470E-01	-1.260E-03	4.364E 02	8.540E 02	1.362E 01	-3.840E-02
27.000	46.800	2.5	9.508E-01	28.06	4.4696-01	-2.065E-03	4.3136 02	8.552E 02	_	-6.295E-0
27.100	46.900	2.5	9.581E-01	28.10	4.4691-01	-5.4356-04	4.346E 02	8.564E 02	1.362E 01	-1.656E-0
27.200	47.000	2.0	9.595E-01	28.14	4.468E-01	-4.580E-05	4.352E 02	8- 578E 02	1.362E 01	-1.396F-O
57.300	47.100	1.6	9.504E-01	28.20	4.470E-01	9.9676-04	4.311E 02	0.594E 02	1.362E 01	3.038E-0.
27.400	47.200	1.9	9.529E-01	28.26	4.472E-01	8.217E-04	4.322E 02	8.612E 02		2.504E-0
57.500	47.300	1.1	9.604E-01	28.30	4.473E-01	6.316E-04	4.356E 02	8.625E 02	1.3636 01	1.925E-0
27.600	47-400	1.8	9.5736-01	28.35	4.473E-01	-4.033E-04	4.342E 02	8.640E 02	1.363E 01	-1.229E-0
97.700	47.500	1.9	9.484E-01	28.39	4.4746-01	-1.384E-03	4.302E 02	8.654E 02	1.3646 01	
27.800	47.600	2.0	9.695E-01	28.44	4.472E-01	-1-7146-03	4.397E 02	8.668E 02	1.363E 01	-5.226E-0
27.900	47.700	1.6	9.603E-01	28.50	4.471E-01	-1.133E-03	4.3566 02	8.666E 02	1.363E 01	-3.453F-0
28.000	47.800	1.7	9.472E-01	28.52	4.468E-01	-1.8146-03	4.297E 02	8.693E 02	1.362E 01	-5.530E-0
28.100		1.8	9.564E-01	28.56	4.469E-01	-1.114E-04	4.338E 02	8.704E 02	1.362E 01	-3.396E-0
28.200		1.2	9.585E-01	28.63	4.4706-01	9.912	4.348E 02	8.725E 02	1.362E 01	-3.021E-0
58.300	48.100	2.3	9.605E-01	28.67	4.470E-01	-1-169E-04	4.357E 02	8.738E 02	1.362E 01	-3.563E-0
28.400		1.8	9.519E-01	28.71	4466-01	4. 32 3E-04	4 218E 02	A 78.0E 02	17 3636	C STEE
					10 36 04 0	0.36 36-0	30 303 600	70 3051.00	10 370E.1	1072124

EXPERIMENTAL DATA

RCDR R		DSCL.	TENSTON	LENGTH	VELOCITY	ACCEL.	TENSICK	LENGTE	VELOCITY	ACCEL.
	SEC	DEG	LBS	ŧ	FT/SEC	FT/SEC/SEC	GRAP	.	CP/SEC	CM/SEC/SEC
•	8.400	2.5	9.632E-01	28.79	4.4716-01	-4.491E-04		-		.369
•	18.500	5.5		. 28.84	4.472E-01	-1.885E-03				-5.747E-02
	68.600	5.6	9.568E-01	28.89	4.470E-01	-2.509E-03	4.340E 02	8.E04E 02	1.362E 01	-7.649E-02
58.900 48.	48.700	2.0	9.591E-01	28.94	4.469E-01	-1.1566-03		-		-3.646F-02
	800	2.3		58.99	4.471E-01	-7.738E-04				-2.359E-02
Ī	9.900	5.6	9.522E-01	29.03	4.470E-01	-2.270E-04			-	-6.918E-03
55.200 49.	000-61	2.5	9.561E-01	29.08		5.735E-04		-	1.362E 01	1.748E-02
•	19.100	2.2	9.571E-01	29.12	4.472E-01	2.782E-04		-		8.480E-03
Ī	19.200	1.7	9.5236-01	29.18	4.471E-01	1.4166-03				4.315E-02
Ī	19.300	2.1	9.548E-01	29.22	4.472E-01	5.271E-04	4.331E 02			1.604E-02
	19.400	5.5	9.568E-01	29.25	4.472E-01	-1.5246-03	4.340E 02			-4.646E-02
	19.500	2.5	9.550E-01	29.28	4.470E-01	-1.790E-03	4.332E 02	3525		-5.455E-02
	009-61	5.6	9.569E-01	29.34	4.470E-01	-1.907E-03		8.544E 02	1.363€ 01	-5.813E-02
•	9.100	1.5	9.530E-01	29.37	4.468 8-01	-8-176E-04		0		-2.492E-02
•	008-51	2.3	9.529E-01	29.45	4.469E-01	-1.306E-04		369E		-3.980E-03
	006-61	2.5	9.551E-01	29.45	4.468E-01	-8.408E-05		8.578E 02	_	-2.563E-03
	20.000	2.0	9.541E-01	59.49	4.472E-01	3.637E-04	4.328E 02	3585	1.363E 01	1.108£-02
	20.100	9.7	9.5596-01	29.53	4.471E-01	-1.565E-04		-		-4.771F-03
	.200	1.7	9.527E-01	29.57	7	1.520E-03			1.363E 01	4.632E-02
	\$0.300	9.1	9.505E-01	29.64	4.473E-01	2.577E-04	4.311E 02	135E	1.3646 01	7.855E-03
	20.400	1.6	9.626E-01	29.10	4.474E-01	-1.764E-03	4.366E 02			-5.378F-02
	200	2.5	9.609E-01	29.74	4.472E-01	-2.931E-03	4.359E 02	-	1.363E 01	-8.932E-02
	20.600	5.5	9.530E-01	29.79	4.470E-01	-1.9796-03	1	9.075E 02	1.3636 01	-6.0326-02
60.900 50.	20.700	5.4	9.516E-01	29.85	4.4706-01	-4.081E-04		3	1.362E 01	-1.244F-02
	900	2.2	9.6436-01	29.89	4.470E-01	1.5246-04		120	1.362E 01	4.646F-03
	20.900	5.4	9.6336-01	29.93	4.471E-01	-6.289E-05		9.122E 02	1.363E 01	-1.917F-03
	000	2.3	9.557E-01	29.96	4.470E-01	3.8625-04			1.362E 01	1.1776-02
61.300 51.	21.100	2.3	9.630E-01	29.99	4.470E-01	-2.345E-04	4.368E 02		1.362E 01	-7.1476-03
	21.200	2.4	9.672E-01	30.06	4.471E-01	7.598E-04	4.3E7E 02	W.	1.363E 01	2.430E-02
	21.300	2.3	9.604E-01	30.10	4.4726-01	-3.760E-04	<i>a</i> .	3		-1.146F-02
61.600 51.	21.400	1:1	9.6395-01	30.13	4.471E-01	-2.199E-03	4.372E 02	9.1846 02	1.3636 01	-6.703F-02
	. 500	2.4	9.665E-01	30.17	4.470E-01				1.3636 01	-5.294F-02
1	009	5.4	9.682E-01	30.21	4.4676-01	-1.980E-03	9	100		-6.034E-02
	.700	2.5	9.657E-01	30.25	4.468E-01	-1.7236-04		9.221E 02	1.362E 01	-5.251F-03
	21.800	5.5	9.682E-01	30.30	4.468E-01	-3.685E-04		π.	1.362E 01	-1.123F-02
	21.900	5.5	9.696E-01	30.35	4.469E-01	-1.162E-04		67	1.3626 01	-3.542E-03
	000	2.6	9.6516-01	30.40	-	9.406E-04			1.363€ 01	2.8675-02
	100	5.5	T	30.44	4.472E-01	3.7806-04		9.275E 02	1.3636 01	1.1526-02
	52.200	5.4		30.50	4.4736-01	3.090E-04		-	-	9.4186-03
	300	2.0		30.55	4.473E-01	-7.625E-04	_	9.3116 02	1.363E 01	-2.325F-02
	25.400	5.4	9.667E-01	30.61	4.472E-01	-2.058E-03	4.365E 02	100	1.3636 01	-6.272E-02
	200	5.6	9.657E-01	30.64	4.470E-01	-1.695E-03	4.380E 02	.335E		-5.1675-02
0	009	2.5		30.68	4.469E-01	-1.551E-03	4.366E 02	. 35CE	1.3626 01	-4.728F-02
	.700	2.5		30.72	4.469E-01	20	4.358E 02			2.9596-03
000 52.	000	3.4	10-3017	30.78	4 4405-01	-3 6005-04		3036		
	2000	200	20100	2000	10121011	,	40139E 06	3735	1 . 30ZE UL	70-1-00 · I-

EXPERIMENTAL DATA

RCDR	RUN	0801.	TENSION	LENGTH	GTH VELOCITY	ACCEL.	TENSICN	LENGTH	TH VELOCITY	ACCEL.
SEC	25.	ANGLE	186	13	FTVEE	E1/56/756	400		Curren	CHICECICE
						2200000		The second second	21111	200
63.200	53.000	2.2	-9819·	30.86	4.4696-01	-1.265E-04	4.363E 02	9.405E 02	1.362E 01	-3.855E-
300	23.100	2.5	-2010	30.90	4.469E-01	+0-3/84-0-		9.417E 02		-1.977E-02
	23.200	2.5	9.611E-01	30.94	4.469E-01	-2.905E-04		9.432E 02		-8.855E-
63.500	23.300	5.4	9.607E-01	30.99	4.469E-01	-6.050E-04			1.3626 01	-1.044
	23.400	5.4	-35g	31.04	4.4696-01	-2.607E-03				-7.947E-
63.700	53.500	2.2	•	31.10	4.469E-01				1.3628 01	-5.676E-02
	23.600	5.5	196-	31-15	4.467E-01	-1.5166-03				-4.619E-02
63.900	53.700	2.6	9.5856-01	31.18	4.469E-01	1.0606-03	4.348E 02	9.503E 02	1.362E 01	3.232E-02
000.49	53.800	2.4		31.23	4.471E-01	3.3506-04	4.340E 02		363	1.02 1E-02
.100	53.900	1.9	9.595E-01	31.30	4.471E-01	6.720E-04	4.352E 02		1.363E 01	2.048E-02
64.200	24.000	1.1	•	31.33	4.471E-01	1.4366-05		100		4.376E-04
64.300	54.100	1.6	4	31.38	4.471E-01	4.307E-04		3.2	363E	1-313E-02
94.400	54.200	1.0	9.5676-01	31.41	4.470E-01	-8-340E-05				-2.547E-
64.500	54.300	1.8	9.5538-01	31.45	4-4715-01	-8-6208-04	4.333E 02			-2.627F
64.600	24.400	2.4	9.622E-01	31.50	4.471 F-01	-7.125E-03	4.364E 02			-6-476E-02
64.700	54.500	2.5	ш.	31.54		-1-9136-03	4.3946 02			-4-830F-02
800	54.600	-		31.50	4.469E-01	-1.3196-03	4.3446 02	9.429F 02	1.3626 01	-4-019E-02
000	54.700	2.0		31. 63	4.4685-01	7.402E-04	A. 1226 02		34.26	2.2046
000	24.	2.3	0.4176-01	31.69	4 4706-01	-4 202E-04				1 00 15
45.100	24.900			21 72	4 4705-01	2 40 85-04	4.3446.02	0 4306 00		1376-02
200	88.000		0 5746-01	31 70	4 4705-01	3060-04	4. 34.36 02		1 3636 01	3376
300	20000		10-2016-0	21.00	10-10-1	40-24-60-C	4 2346 02		10 3636	1000
200	2000		0 4486-01	21.00	4 4726-01	10000	20 3966 7	9 7516 03	10 3636 01	1000
	20000	1.7	10-26426	31.67	10-3716-6	1000000			10 3606 01	3.0036
2000	22.300	::	9.6916-01	51.93	10-171-01	-1.0236-03	9.3/8E UZ		1.303E 01	1000
000	22.400	7.7	9.58 /E-01	31.98	4.471E-01	-2.522E-03		æ		-7.688E-
100	22.500	9.2	9.615E-01	32.02	4.469E-01	-2.05 7E-03	4.361E 02		1.3626 01	-6.270F
. 800	22.600	5.5	9.653E-01	32.07	4.468E-01	-6.159E-04	4.378E 02	9.176E 02	1.3626 01	-1.877E
65.900	55.700	2.4	9.593E-01	32.12	4.469E-01	1.325E-03	_		1.362E 01	4.038F
99-99	25.800	1.6		32.14	4.470E-01	-2.311E-04	4.348E 02		1.3636 01	-7.435-03
96-100	25.900	1.6	N	32.18	4.470E-01	9.7146-04				2.961F-C
66.200	26.000	1.5		32.24	4.472E-01	4.758E-04	4.366E 02			1.450E
66.300	26.100	1:1		32.28	4.470E-01	-2.3936-04	4.345E 02		1.3636 01	-7.293E-
. 400	26.200	2.4	9.606E-01	32.32	4.471E-01	-2.386E-04	4.357E 02			-7.272E-
66-500	\$6.300	5.4		32.37	4.471E-01	-1.180E-03	_		1.363£ 01	-3.596F
96.600	26.400	5.5	9.573E-01	32.40	4.471E-01	-2.324E-03	4.342E 02	9.6746 02	1.363£ 01	-7.082E
66.700	26.500	2.5		32.45	4.469E-01	-2.613E-03		-	1.3626 01	-7.966F
99.99	26.600	2.5		32.50	4.468E-01	4.334E-04		-	1.362E 01	1.321E-0
9.900	56.700	2.6	9.567E-01	32.56	4.469E-01	8.087E-04		1770	1.3626 01	2.465E-
67.000	56.800	2.5	9.488E-01	32.60	4.471E-01	-2.345E-04		-	1.3636 01	-7.147E-
2	26.900	2.5	9.630E-01	32.64	4.471E-01	1.107E-04	4.368E 02		1.3636 01	3.3756-(
67.200	97.000	2.3		32.70	4.473E-01	1.771E-04	4.381E 02		1.3636 01	5.397E
1.300	57.100	1.5		32.74	4.473E-01	-3.82 BE-04	4.325£ 02		1.3636 01	-1.1676-
67.400	57.200	9.7		32.80	4.471E-01	-6.316E-04	4.329E 02	9.556E 02	1.3636 01	-1.925E-
3	57.300	1.5	9.618E-01	32.85	4.471E-01	-1.1336-03	4.362E 02	1.001E 03	1.363E 01	53
47.400	87.400	1.6		22 80	10-3077 7	-2 41 2E-03	A SENE AS		. 3436	٠
2	2000	307	-	26.00	10-360101	-C-1911-7-	4.330C CE	4.00er 03		103215

EXPERIMENTAL DATA

											No.																												200							
ACCEL.	CM/SEC/SEC	171E-	6.230E-03	262	1.	3.038E-02	1.490E-02	-3.780E-02	-6.200F-02	-9.162E-02	-4.701E-02	;	205	4.440E-02	4.938F-03	-1.031F-02	-3.292E-03	-3.986E-02	-6.249E-02	-9.378E-02	1216	1.9096-02	2.2596-02	-2.2926-04	1.006E-02	1.7485-02	-20-3116-2-	•	٠.	-2.1446-03	E	5.3	1.6598-02	2.519E-02	-4.480E-03	-3.376E-02	-5.965E-02	-6.820E-02	-8.895E-02	2.167E-03	2.536E-02	70	-1.288F-02	4.000F-03	-1.834E-02	
TH VELOCITY	CP/SEC		-		1.362E 01	1000		1.3636 01	1.362£ 01	1.362E 01	-		1.3626 01	1.3636 01				-	1.3626 01			1	1.3626 01		7					10 36 25 1	100	3626	36 3E	1.3636 01			-					32	1.3636 01	1.363E 01	1.363E 01	-
LENGTH	\$	9600	3900	3000		3010	0126	1.013E 03	015E			3610	3020	022E		024E	025E	3750	w	3060	100		1.0346 03				3000	0416		1.0446.03		047E	3640		1.051E 03				97.50	1.058E 03	3090		1.063E 03	1.064E 03	1.066E 03	
TENSICN	GRAP	-			ш		4.344E 02				4.324E 02		_		_	.351E		7	_	_	.365E		4.373£ 02	777					20 3066 7	4016		.4CBE	3619	425E	3519		.415E		427E	.418€		4.429E 02	3414		419E	
ACCEL.	FT/SEC/SEC	4.826E-04	2.044E-04	-1.73 EE-04	2.655E-04	9.967E-04	4.888E-04	-1.24.0E-03	-2.063E-03		-2.198E-03	1.129E-03	1.477E-03	1.457E-03	1.620E-04	-3.384E-04	-1.080E-04	-1.308E-03	-2.050E-03	-3.077E-03	-1.200E-03	6.262E-04	7.4106-04	-7.520E-06	3.302E-04	5.735F-04	-8-430C-04		-2446-03	-7.0415-05	-3.41 BE-05	1.879E-03	5.441E-04	8.265E-04	-1.470E-04	-1.108E-03	-1.957E-03	-2.237E-03	-2.91 8E-03	7.109E-05	8.319E-04	2.073E-03	-4.225E-04	1.312E-04	910	
VELOCITY	FT/SEC	4.468E-01	4.468E-01	4.469E-01	4.468E-01	4.470E-01	4.471E-01	4.472E-01	4.4706-01	4.4695-01	4.468E-01	4.468E-01	4.469E-01	4.470E-01	4.471E-01	1	4.470F-01	4	4	4.468E-01	4.465E-01	4.468E-01		4	4.470E-01	4.4716-01	10-3716-6	10-37/6-6	10-31/4-4	4.468F-01	4.469F-01	4.4685-01	4.471E-01	4.471E-01	4.471E-01	4.470E-01	4.471E-01	4.4695-01	4.467E-01	4.467E-01	4.469E-01	4.470E-01	4.471E-01	4.472E-01	4.471E-01	
LENGTH	11	32.98	33.02	33.07	33.10	33.14	33.19	33.24	33.30	33.35	33.36	33.42	33.48	33.52	33.58	33.61	33.64	33.70	33.74	33.79	33.83	33.87	33.91	33.55	34.01	34.07	11:00	71.17	36. 36	34.31	34.32	34.35	34.42	34.45	34.50	34.53	34.58	34.62	34.67	-	34.78	34.82	34.87		34.97	í
TENSION	1.85	9.5636-01	9.608E-01	9.5436-01	9.5186-01	9.5776-01	9.577E-01	9.511E-01	9.534E-01	9.560E-01	9.534E-01	9.523E-01	9.605E-01	9.581E-01	9.536E-01	-			9.589E-01	1	ī		9.642E-01						10-2000-6				9.741E-01	9.755E-01	9.7336-01				9.7606-01	9.7416-01	9.7496-01	9.764E-01	9.7326-01	9.711E-01	9.7436-01	
OSCL.	DEG	5.5	5.4	1.9	1.5	5.4	2.3	2.4	5.4	2.2	1.6	2.6	5.5	1.1	1.6	1.6	1.6	1.6	1:1	5.4	2.4	5.5	2.6	5.5	::	3	::		200	2.5	1.8	2.3	1.9	2.0	1.9	2.2	2.1	1.6	2.0	1.2	2.2	1.6	2.3	1.9	2.0	
RUN	SEC	57.600	97.700	57.800	57.900	58.000	58.100	58.200	98.300	58.400	58.500	28.600	58.700	58.800	58.900	29.000	29.100	29.200	59.300	29.400	29.500	29.600	29.700	29.800	29.900	000.09	001-00	002-00	00000	200	009-09	60.700	008-09	006-09	61.000	91.19	61.200	61.300	91.400	61.500	009-19	61.700	61.800	91.900	62.000	
RCOR	SEC	67.800	67.900	000.89	96.100	68.200	68.300	68.400	68.500	68.600	63.700	68.800	68.900	000.69	69.100	69.200	66.300	69.400	69.500	009.69	69.700	69.800	69.900	10.000	10.100	10.200	10.300	00.00	200	70.700	70.800	70.900	11.000	71.100	11.200	71.300	11.400	11.500	71.600	71.700	71.800	11.900	72.000	12.100	12.200	

EXPERIMENTAL CATA

	71.0	1130	TEMETON	I GNCTU	VEI OC I TV	AFFEL	TEACITY	HENCIM	-	VELOCITY	ACCEL
RCOR	TIPE	ANGLE	NO ISMAI								-
SEC	SEC	DEG	188	FT	FT/SEC	FT/SEC/SEC	GRAP	3		CP/SEC	CM/SEC/SEC
72.400	62.200	2.2	. 33	35.03	4.470E-01	-1.54 BE-03	4.414E 02	1.068	03	1.363E 01	-4.715E-0
2.500	62.300	2.0	9.732E-01	35.08	4.468E-01	-2.157E-03	4.415E 02	1.065E	03	1.362E 01	-6.576E-02
2.600	62.400	2.6		35.14	4.467E-01	-2.181E-03	4.433E 02	1.071	03	1.362E 01	-6.647E-0
72.700	62.500	2.0	9.7885-01	35.17	4.466E-01	4.854E-05		1.C72E	03	1.361E 01	1.4796-0
2.800	62.600	2.0	.72	35.22	4.467E-01	3.4456-04		1.0736	03	1.362E 01	1.050E-0
2.900	62.700	2.0	*	35.26	4.468E-01	2.443E-03		1.C75E	03	1.362E 01	7.447E-0
3.000	62.800	2.1	.76	35.30	4.470E-01	56		1.C7EE	03	1.363E 01	4.438
73.100	62.900	2.1		35.34	4.471E-01	F	4.422E 02	1.677	03	1.3636 01	1.3236-0
3-200	63.000	1.9	73	35.39	4-4726-01	-3-705F-04		1.0795	03	1.3636 01	-1205-0
3.300	63.100	2.0	7.5	35.65	4.470F-01	-2.216F-03		1.000	25	1.16.26 01	-A. 755 F-O
9.400	63.200	2.2	9.76RF-01	35.61	4.4716-01	-1.562F-03		1.0825	33	10 36 35 1	-4.7616-0
200	63.300	2-1		36.68	4.4686-01	-2.4886-03		1.6846	36	1.3626 01	7. 6.04.6
400	43.400		0 7475-01	36.41	4.4406-01	-1-4018-03	100	10000	3 6	10 36 36 1	7 36.06
200	2000			35. 46	10-36-07	50-3104-1-		1000	30	10 3000	35070
	00000	***	10-3470-6	20.00	10-2001-1	\$0000°		2000	56	10 3706-1	9
200	00000	0.7	-	35.70	10-1006-6	1.30 75-04		-	53	10 3005-1	2.6135-03
2.900	63. 700	1.7	9. / /OE-01	35.75	4.470E-01	Z-058E-03			03	1.3636 01	6.272E-02
.000	63.800	2.3	9.755E-01	35.76	4.470E-01	5.838F-04		-	03	1.3636 01	1.7796-(
1000	63.900	2.0	9.781E-01	35.81	4.472E-01	4.4575-04	4.437E 02	1.052E	03	1.363E 01	1.359E-02
1.200	94.000	2.0	9.776E-01	35.87	4.471E-01	-6.057E-04	4.434E 02	1.0936	03	1.363£ 01	-1.846E-
1.300	64.100	2.0	9.7826-01	35.90	4.4706-01	-2.399E-03	36		03	1.3626 01	-7.311E-C
004-4	64.200	2.0	9.7976-01	35.56	4.4708-01	-1.700F-03			03	1.362E 01	-5.182E-02
.500	64.300	2.0	9.8106-01	36.00	4.467E-01	-2.553E-03			03	1.3626 01	-7.780E-C
14.600	64.400	2.2	9.808E-01	36.04	4.466E-01	-1.4746-03	4.4498 02		63	1.3616 01	-4.492E-
. 100		2.1	.79	36.08	4.4676-01	-8.559E-04	4.4436 02		03	1.362E 01	-2.609E-
. 800		1.9	9.7906-01	36.14	4.466E-01	3.664E-04	4	1.1026	03	1.361E 01	1.1176-02
. 900		2.3	.80	36.19	4.468E-01	2.1536-03	4.448E 02		03	1.362E 01	6.561E-02
2.000		1.7	.75	36.25	4.470E-01	7-4106-04			03	1.362F 01	2.259F-(
9-100		2.0	9.757F-01	36.29	4-4726-01	8-285F-04			03	1.3636 01	2.525F-C
2.200		2.5	17	36.35	4.472F-01	-4.740F-04		1.1006	03	1.3636 01	-2.054E-02
300		2.6	9.791F-01	36.40	4.4726-01	-2.655F-03	4.4416 02		200	10 36 35	-8.093F-02
400		1.0	9-748F-01	36.43	4.4705-01	-1.980F-03			03	1.3626 01	-6.036E-
200	45.300		7.21	36.47	10-3647	-2.2416-03			200	1.3476 01	-4. 800E-02
009		2.5	12	36. 52	4.4475-01	-6.277E-04				1.3426 01	-1. 60eE
200		*	C. 4485_01	34. 56	4.4478-01	-4. 28 0E-04			36	1 3416	3306
				34. 41	10-36-01	100000			3 6	3476	2000
			3 6	36.00	10-31044	2011			36	20000	30000
	200		10-174-6	30.00	10-10-1	50-3016-0				10 270501	בייייייייייייייייייייייייייייייייייייי
			10-10-0-6	10.00	10-11-6-6	-9-22-9-03			33	10 3606-1	-3610-7-
001.		5.7	9.071E-01	30.1	10-31/4-4	-8.729-04			63	1.363E 01	-1199.2-
007-9		2.3	9.886E-01	36. 79	4.4716-01	-6.61 7E-D4			60	1.3636 01	-2.017E-
9.300		1.5	9.868E-01	36.83	4.471E-01	-2.590E-03		1.1236	03	1.3636 01	-7.895E-0
9.400		1.8	9.674E-01	36.88	4.469E-01	-1.905E-03	4.388E 02		60	1.362E 01	-5.807E-0
6.500		1.8	9.708E-01	36.94	4.467E-01	-2.458E-03			03	1.3616 01	-7.493E-0
9-800		2.4	9.822E-01	36.99	4.468E-01	-6.234E-04			. 03	1.362E 01	-1.900E-C
76.700	96.500	2.5	9.760E-01	37.02	4.467E-01	1.2036-04	100		. 03	1.362E 01	3.667E-0
6.800		-	4715-01	27 07		0 174E-04			**		
			1000	100	10-10/4-4	- N-3076-0		-	50	10 3075	Z.538E-1

EXPERIMENTAL CATA

	SEC	-03	-02	-02	-05	-05	-05	-02	-03	-05	-05	-03	-05	-05	70	705	6	-03	70-	-05	200	50	26	18	-05	-63	-05	-05	-03	3	66	-02	-05	-05	-05	-05	-05	-05	-05	75	-05	-05	-05	-03
ACCEL.	CM/SEC/SEC	8-418F	-1.538E	-5.019E	-6.184F-	-4.232F	-3.507E	-1.654E	-2.896E-03	3.5906-	4.0556	-7.647E-	-2.669E	-4.515E	-7.720E-02	-0-428	-3.375	-3.675	4.3116	1.690	3.349	3667.	-5-872F-02	-8.0226	-5.126E	4.292E	-1.140F-0	2.561F	5.52E	5.078E	9.3761-03	-4.5486	-6-615E	-3.557E	1.075	-2.529E	2.163E	3.021E	5.474E	-2.465E-	-6.086E-0	-7.974E	-8.518F-	A. 702E.
TH VELOCITY	CM/SEC	1.363£ 01	3638	10	10	10	6	10	10	70					1.3626 01	3966	1.362E 01	1.3626 01	1.362E 01	1.3626 01	10.3626 01	103636 01	10.3626 01	1.3616 01	1.3626 01	1.3616 01		1.362E 01			1.3636 01	1.3626 01	1.362E 01	1.362E 01	1.361E 01	1.362E 01	1.362E 01	1.3626 01	1.362E 01	1.3636 01	1.362E 01	1.362E 01	1.361E 01	1 3416 01
LENGTE	5	1.133F 03	1.1346 03	1.1356 03	1.136E 03	1.138E 03	396	1.1466 03	1.1416 03	1.1436 03			176		1.1506 03	376	1.1546 03			-			1.1636 03						316		1.1746 03					1.182E 03	777		1.1666 03			5		1.1546 01
TENSICN	GRAP		4146				di	95.	-	Te.	ā.			_	9	3			311				4.359F 02				-	4.380E 02			4.350E 02			- 3			7	16.2E	356E	4.3446 02	4. 340E 02	4.351E 02	-	A SSEE AS
ACCEL.	F1/SEC/SEC	2.7425-04	-5.0456-04	-1-6476-03	-2.029E-03	-1-388E-03	-1-150E-03	-5.428F-04	-9.502E-05	1.1786-03	1.332E-03	-2.509E-04	-8.757E-04	-1.481E-03	-2.533E-03	-2.109E-03	-1.107E-04	-1.271E-04	1.414E-03	5,544E-04	1.820E-03	13,0495	-1-926F-03	-2.632E-03	-1.682E-03	1.408E-04	-3.739E-04	8.401E-04	1.812E-04	1.666E-03	3.076E-04	-2.162E-03	-2.170E-03	-1.167E-03	3.527E-04	-8.299E-04	7.096E-04	9.91 2E-04	1.79 EE-03	-8.087E-04	-1.997E-03	-2.616E-03	-2.7956-03	1 K72K-04
VELOCITY	FT/SEC	4-4725-01	4-471F-01	4-471F-01		468	4.467E-01	4.467E-01	4.465E-01	4.468E-01	4.470E-01	4.470E-01	4.471E-01	4.470E-01	4.469E-01	4.409E-01	4.467E-01	4.467E-01	4.468E-01	4.469E-01	4.469E-01	10-31/4-4	4-468F-01	4-4676-01	4.467E-01	4.4668-01	468	4.4686-01	4.470E-01	4.4716-01	4.471E-01	4-4706-01	4.469E-01	4.467E-01	4.466E-01	4.468E-01	4.467E-01	4.468E-01	4.4696-01	4.471E-01	4.470E-01	4.469E-01	4.466E-01	14.75-01
LENGTH	Ħ	37.17	37.21	37.76	37.27	27.33	37.36	37.41		37.49	37.53	37.59	37.63	37.70	37.73	31.80	37.45	37.89	37.94	37.98	38.01	20.00	30.10	38.18	38.23	38.28	38.32	38.36	38.41	38.46	38.52	38.61	38.65	38.69	38.73	38.78	38.83	38.88	38.91	38.95	39.01	39.05	39.11	30 00
TENSION	188	9-803F-01	9.730E-01	9.657F-01	9-7105-01	9.720F-01	9.655E-01	9.5946-01	8.6196-01	9.660E-01	9.670E-01		9.618E-01	9.625E-01	9.579E-01	9.514E-01	9.604E-01	9.629E-01	9.580E-01	9.597E-01			10-300C-6	1	1	1	1	1	9.627E-01		9.590E-01		1	1	9.656E-01	1	9.592E-01		1	9.577E-01		1	1	-
OSCL.	DEG	2.1	1.8	2.4	2.1	2.6	2.4	2.6	5.6	2.7	2.6	5.5	5.5	1.5	2.5	2.3	2.2	2.6	2.3	1.6	6.1		2.2	2.4	2.5	2.6	2.5	2.5	5.4	1:1	2.0	2.0	2.0	1.9	1.8	1.9	2.0	2.3	2.5	2.6	5.6	2.5	2.3	,
T BE	SFC	96.800	96.900	67.000	67-100	67.200	67.300	67.400	67.500	67.600	67.700	67.800	67.900	68-000	68-100	007-89	68-300	68.400	68.500	68.600	68-700	0000	000-09	65.100	69.200	65.300	004-59	69.500	69.600	69.700	69.800	20.000	70-100	10.200	10.300	10.400	10.500	10-600	10-100	70.800	10.900	71.000	001-12	21.
RCOR	SEC	77.000	77.100	77.200	17.300	17.400	77.500	77.600	17.700	77.800	17.900	18.000	78.100	78.200	18.300	004.90	78.500	18.600	18. 100	78.800	79.900	2000	79.200	79.300	19.400	19.500	19.600	19.700	19.800	19.900	80.000	80.200	80.300	80.400	80.500	90.600	80. 700	80.800	80.900	000.18	81.100	81.200	81.300	400

EXPERIMENTAL DATA

RCDR	NO.	OSCL.	TENSION	LENGTH	VELOCITY	ACCEL.	TENSICA	LENGTH	VELOCITY	ACCEL.
SEC	SEC	066	185	11	FT/SEC	F1/SEC/SEC	GRAP	3	CH/SEC	CM/SEC/SEC
009.	71.400	1.8	9.5436-01	39.24	4.468E-01	-1.661E-04	4.329E 02	1.156E 03	1.362E 01	-5-063E-03
81.700	71.500	2.3	9.5446-01	39.27	4.469E-01	2.201E-04	4.325E 02	1.197E 03	1.362E 01	6.7096-03
81.800	71.600	2.6	9.5246-01	39.28	4.4696-01	4.703E-04	4.320E 02	1.197E G3	1.362E 01	1.434E-02
.900	71.700	5.5	9.5346-01	39.29	4.470E-01	1.460E-03	4.325E 02	1.1986 03		4.451E-02
000	71.800	5.5	9.561E-01	39.30	4.472E-01	-3.972E-04	4.337E 02	1.15EE 03	1.343E 01	-1.21 1E-02
100	71.900	2.5	9.535E-01	39.31	4.470E-01	-1.8536-03	4.325E 02	1.158E 03		-5.647E-02
.200	72.000	5.4	9.513E-01	39.35	4.469E-01	-1.539E-03		1.199E 03		-4.692E-02
.300	72.100	2.3	9.530E-01	39.37	4.467E-01	-2.658F-03	4.323E 02	1.200E 03		-8.224E-02
.400	72.200	2.5	9.538E-01	39.42	4.466E-01	2.4476-04	4.327E 02	1.202E 03		7.459E-03
. 500	72.300	2.3	9.516E-01	39.46	4.466E-01	-3.664F-04		1.203€ 03		-1.117E-02
.600	72.400	1.1	9.535E-01	39.50	4.467E-01	5.592E-04		1.204E 03		1.704E-02
.700	72.500	1.8	9.667E-01	39.55	4.468E-01	6.562E-05		1.206E 03		2.000E-03
. 800	12.600	1.8	10-3665-6	39.60	4.469E-01	-2.604E-04	4.354E 02	1.207E 03		-7.938E-03
.900	72.700	2.0	9.495E-01	39.66	4.469E-01	1.0406-03		1.209E 03		3.1716-02
000	72.800	1.9	9.563E-01	39.70	4.471E-01	-2.693E-04		1.210E 03		-6.209E-03
.100	72.900	2.3	9.656E-01	39.75	4.471E-01	-1.72 EE-03		1.212E 03		-5.261E-02
.200	73.000	2.6	9.595E-01	39.80	4.470E-01	-2.569E-03	4.3526 02	1.213£ 03		-7.830E-02
.300	73.100	2.2	9.519E-01	39.86	4.467E-01	-2.773E-03	4.3186 02	1.215E 03		-0.451E-02
.400	13.200	2.3	9.554E-01	39.90	4.466 E-01	3.131E-04	4.3348 02	1.216E 03		9.5436-03
. 500	73.300	2.6	9.598E-01	36.95	4.469E-01	6.214E-04		1.218E 03		1.894E-02
. 600	13.400	2.5	9.564E-01	39.99	4.469E-01	6.057E-04		1.2196 03		1.846E-02
200	73.500	2.5	9.533E-01	40.01	4.469E-01	-		1.220€ 03		-3.500E-03
. 800	13.600	2.6	9.5896-01	40.07	4.469E-01	-1.654E-04		1.221E 03	1.362E 01	-5.042E-03
006	73-700	5-2	9.619E-01	40-10	4.469E-01	1.436E-03		1.2226 03		4.382F-02
200	23.000		9.3735-01	40.15	10-10/4.4	-0.003E-04		10.2241 09		Z.03ZE-
3	25.000		7.203E-01	40. 18	10-3604-61	-2.040E-U3		1.4626 03	1.302E 01	-8.0645-02
2007	000-1		9.594E-01	77-04	4.40 TE-01	-2.42 /E-03		1.2268 03	10.3626 01	-1.397E-02
200	2000		7.3935-01	20.00	10-1001-1	11.1195-03		1022 E 03	1.3016 01	-3.4221-02
	24.200	3,	9.256-01	40.33	4-4086-01	1.2135-03	4.334E 02	1.225E 03	1.3621 01	705
200	26.46	1.7		40.30	10-10404	10-20cc-0		10000	10 3706-1	3676
	24. 200		10-10-01 0 45.6	40.45	10-30/4-4	3.222		1.232E 03	10 3796-1	1000
	14. 200	1.,	-		10-21/6-6	CO-31 81 . 7		1.6336 03	10 36 96 1	2
	2000	1.7	Ď,	10.33	40-11E-01	40-3E97-7		1-2352 03	1.3636 01	120
200	200		4.531E-01	\$0.0g	10-11/4-6	201010		1.237E 03	1.3636 01	1.119
3	000	1.7	4	70.05		-1.673E-03		1.23tt 03		1
001.	2000			10.01	4.470E-01	-2.001E-03		1.2401 03		:
2000	15.000	2.0	W .	40.71	4.469E-01	-1.909E-03		1.2416 03		5.819E-
.300	75.100	2.6	9.573E-01	40.76	4.466F-01	-1.935E-03		1.2426 03	1.361E 01	-5.897E-02
000	15.200	2.6	9.511E-01	40.80	4.465E-01	1.1146-04		1.244E 03		3.396E-03
. 200	15.300	5.5	F	40.85	4.466F-01	3.110E-04		1.245E 03	1.361E 01	9.480E-03
.600	15.400	5.5	4	40.90	4.467E-01	7.937E-04		1.247E 03	1.362E 01	2.419E-02
. 100	15.500	5.6	9.604E-01	40.04	4.469E-01	1.51 8E-04		1.248E 03	1.362E 01	4.626E-03
900	15.600	2.5	9.526E-01	40.91	4.469E-01	-7.157E-04		1.245E 03	1.362E 01	-2.182F-02
.900	15.700	2.6	9.560E-01	41.02	4.469E-01	3-145E-04	4.336E 02	1.250E 03	1.362E 01	9.585E-03
000	75.800	1.9	9.6246-01	41.06	4-4695-01	-1.282E-03	4-365F 02	1.252F 03	1 342 6 01	-1 anaf-n2
			111111		3	٠		•	10000	20000

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EXPERIMENTAL DATA

RUN	OSCL.	TENSTON	LENGTH	VEL OC 1 TY	ACCEL.	TENSICN	LENGTH	VELOCITY	ACC EL.
SEC	DEG	1.85	Ħ	FT/SEC	F1/SEC/SEC	GRAP	5	CH/SEC	CM/SEC/SEC
86.200 76.000		9.521E-01	41.15	4.467E-01	.42	196 0			-4.357E-0
	2.2	9.537E-01	41.21	4.467E-01	-1.139E-03	4.326E 02	1.256E 03	.362E	-3.471E-02
	2.0	9.571E-01		Ŧ	3.9446-04	3141			1.202E-0
	5.5	9.558E-01	41.30	4.459E-01				.362E	2.361E-0
	1.9	9.465E-01		7	-6.556E-04	986			-1.998E-0
	5.5	9.578E-01		1.	1.0316-03		_	399€	3.142E-0
	5.6	9-7036-01	+1.	4.470E-01	9.516E-04	4.401E 02	1.263€ 03	1.3626 01	2.900E-0
86.900 76.700	5.5	\$.629E-01		4.470E-01	-1.4836-04	3676	3492		-4.521E-0
76.800	5.4	9.456E-01		4.470E-01	-2.749E-03	4.289E 02		362€	-8.378E-02
	2.1	9.452E-01	•	4.466E-01	-2.906E-03			-77	-8.857E-0
	5.5	9.627E-01		4.466E-01	-1.600E-03		1.269€ 03	1.3616 01	
	5.5	9.6016-01	41.66	4.465E-01	-1.695E-04		550		-5.167E-0
		9.554E-01	41.70	4.466E-01	4.676E-04	4.334E 02	1.2716 03		1.425E-02
87.500 77.300		1	41.74	4.4676-01	8.442E-04		1.272E 03		2.573E-0
		.!.	41.78	4.468E-01	-3.083E-04				-9.397E-0
		1	41.84	4.4696-01	-8.6136-05	4.3716 02	1.2156 03		-2.625F-0
87.800 77.600			41.89	4.470E-01	-4.238E-04			1.362E 01	-1.292E-0
		w	41.94	4.470E-01	5.469E-06		_		1.6676-0
			41.99	4.4695-01	-1.8946-03		_		-5.772E-0
		140	45.04	4.469E-01	-2.574E-03		_	1.3626 01	-7.845E-0
		-	45.08	4.468 E-01	-7.526E-04				-2.294E-0
78.100		ш	42.13	4.467E-01	-1.388E-04	4.344E 02	1.284E 03	1.362E 01	-4.230F-03
			42.16	4.468E-01	5.5646-04		285E		1.6966-0
200 78.300		-	42-20	4.467E-01	9-1746-04		-		2.796F0
		-	42.25	4.468E-01	-5.435E-04	327E	1.288E 03		-1.656F-0
			45.30	4.468E-01	-5.271E-04		_		-1.606F0
	5.4	44	42.35	4.469E-01	4.922E-05		251E		1.5006-0
88.900 78.700	2.3	111	42.37	4.469E-01	2.481E-04				7.2370
	1.8	ш	45.45	4.470E-01	-1.453E-03				-4.42BE-0
	2.4		42.47	4.468E-01	-2.276E-03		_	1.3626 01	-6.938F-0
89.200 79.000	5.5	9.487E-01	42.52	4.467E-01	-1.400E-03				-4.267E-0
	1.5	144	42.57	4.468E-01	1.1765-04		1.258E 03		3.584E-0
89.400 19.200	2.3	141	42.62	4.468E-01	5.858E-04		299E	1.3626 01	1.786E-0
	2.2	9.451E-01	45.66	4.470E-01	7.451E-05		300E		2.2716-0
	5.4	9.504E-01	42.72	4.469E-01	-2.256E-04		1.302E 03	1.362E 01	-6.876F0
89.700 79.500	2.3		42.17	4.471E-01	-1.524E-04		3046	-	-4.646F
	2.1	9.608E-01	42.83	4.469E-01	-3.869E-04				-1.1796-0
	2.6	9.487E-01		999	-6.586E-04				-2.129F-0
90.000 79.800	2.5	9.527E-01	42.89	467E-	-1.800E-03	-	3076	1.3626 01	-S.466F-0
	2.3	9.629E-01	42.93	4.466E-01	-2.360E-03	4.368E 02			-7.193E-0
	1.9	9.588E-01	42.98	4.466E-01	2.905E-04	349E		3616	8.85E-0
	1.6	9.498E-01	43.02	4.466E-01	-4.532E-04	4.308E 02	3116	3616	-1.3816-0
	1.8		43.08	4.466E-01	4.491E-04	320E	3136	3616	1.369E-0
	2.0	9.581E-01	43.12	4.466E-01	2.707E-04		3146	3196	8.251E-03
90.600 80.400	1.4			*****	4 000 F-06	34.36			ì.
		100000	d		ĸ.			-	-1251

EXPERIPERTAL CATA

TIME T	1 1 1	ANGLE	IENSION	LENGTH	VELUCITY	ALLEL	LEUSICA	Lengin	ALLOCITA	ALLEL
SEC	SEC	DEG	597	11	FT/SEC	FT/SEC/SEC	GRAP	5	CM/SEC	CM/SEC/SEC
90.800	80.600	2.6	9.5486-01	43.23	4.468E-01	-7.014E-04	4.331£ 02	1.3186 03		-2.138E-02
90.900	80.100	2.4	9.616E-01		4.468E-01	-8.859E-04		31E	1.362E 01	-700F-
000.10	80.800	1.6	9.606E-01	43.36	4.4698-01	-1.567E-03		322E		-4.178E-
1.100	80.900	2.4	9.517E-01	43.39	4.468E-01	-1.969E-03		_	1.362E 01	-6.003E-
11.200	000.10	1.2	9.5106-01	43.44	4.467E-01	-1.518E-04	-	324E		-4-626E-03
11.300	81.100	5.5	~	43.51	4.467E-01	•		326E	_	-3.521E-
1.400	91.200	2.2		43.55	467	6.487E-04		327E		1.9776-
11.500	81.300	5.5	5	43.59	4.468E-01	5.264E-05	_	352E		1.604E-
1.600	81.400	2.0	_	43.63	4.469E-01	4.320E-04		3306	1.362E 01	1.3176-(
1.700	81.500	2.4	3	43.66	4.468E-01	-1.6136-04	36	331E		-4.917E-03
1.800	01.600	2.6	- 32E 3	43.72	468	-6.586E-04		333E		-2.129E-02
1.900	91.700	2.1	-			-1.741E-03		334E	1.362E 01	-5.307E-
2.000	008.10	2.0		43.80	466	-1.548E-03		35E		
2.100	006-18	1.6	3	43.85	4.465E-01	-079	-	376		
2.200	82.000	2.2			4.465E-01					4-6176
2.300	62.100	2.6	10	43.94	4.466E-01	-8.552E-04		39E		-2.607E-02
12.400	82.200	2.1	9.531E-01	43.98	4.466E-01	1.0536-03	4.323E 02	3416	1.361E 01	3.2116
2.500	82.300	2.3	9.561F-01	40.04	4.467F-01	-4.149F-04	30	3626	1.362F 01	-1.2456-
2.600	82.400	2.5	9.6075-01	44.10	4-469F-01	1.928E-04	57E	346		
2.700	82.500	2.2	9.603E-01	44.13	4.468 F-01	-3.54 BE-04	35	3485	36.25	- L. ORIF
2.800	82.600	2.3		44.18	468E-	-1.038E-03	15		345	
2.900	82.700	2.3		44.24	4.468E-01	-8-360E-04		3486		2
3.000	82.800	2.0		44.27	4.467E-01	-1.578E-03		346	1.362E 01	₹
3.100	82.900	2.2	9.5716-01	44.31	19	-5.927E-04		351	1.362E 01	-1-806E-0
3.200	83.000	2.3		44.35	4.467E-01	2.666F-04	4.324E 02	1.352E 03		8-126E-
3.300	83.100	1.1	.516		4.468E-01	-5.305E-04		353E		-1.6176
13.400	83.200	2.2		**.**	4.467E-01	7.889E-04		355E		2.404E-C
3.500	83.300	2.6	.653	44.48	4.468E-01	-1.367E-05		396E		-4.167E-04
3.600	83.400	5.6	49	44.54	468	-4.724E-04		357E	1.362E 01	-1.440E-02
3.700	83.500	5.6	8	44.57	4.4696-01	-1.331E-03	-	3886		
3.800	83.600	5.5	9.5226-01	44.62	4.4686-01	-1.397E-03		360E	362E	
3.900	83.700	1.9	-	44.66	4.467E-01	-1.232E-03	-	3616	1.361E 01	-3.755E-
4.000	83.800	2.1	9.593E-01	44.72	4.466E-01	-1.9486-03	4.351E 02	3636	3616	
4.100	83.900	2.9	-	44.76	4.466E-01	-1-490E-04	-	3646	3616	-4.542E
4.200	84.000	2.2		44.82		3.691E-04		366E	1.362E 01	1.125E-
4.300	8*-100	5.4	9.577E-01	44.86	4.468E-01	-4.505E-04	-	3676	362E	-1.3736-
4.400	84.200	2.4	9.615E-01	44.92	4.468E-01	3.985E-04		1.369E 03	1.362E 01	1.2156
14.500	84.300	2.0	9.607E-01	44.97	4.469E-01	-1.148E-04		3716		
4.600	84.400	2.3		10.64	4.468E-01	-7.636E-04	_	1.3726 03	_	-2.32 if
4.700	84.500	1.6	•	45.06	1	-8.292E-04		373E	1.3626 01	25
4.800	84-600	2.3	*		4.468E-01	-1.375E-03	-	374E	-0	-4.1906-
006.40	84.700	5.6	*	45.12	4.467E-01	-8.859E-04	-	3756	.361E	-2.700E-
15.000	84.800	2.5			466E-	1.81	4.327E 02	3116	1.36AE 01	5.54
95.100	84.900	2.0	9.555E-01		465E-	•	4.334E 02	378E	3616	6.022E-
15.200	85.000	2.3	-6136-	45.26	466E-	052E-	319	380E	1.3616 01	

EXPERIMENTAL CATA

Sign Color		ANGIE								
2.5	SEC	950	587	F1	FT/SEC	F1/SEC/SEC	GRAP	5	CH/SEC	CM/SEC/SEC
1.9 9.518F=01 4.40 4.408F=01 -5.729F=04 4.136 02 1.156 03 1.362 04 1.50 04 04 04 04 04 04 04	85.200		-553E-	45.33	467	-7.711E-04	.3336	382E	.362E	-2.350E-02
2.5 5.515E-01 4.5.4	85.300		-538E-	45.40	468	-5.729E-04	.326E		.362E	-1.746E-02
2.4 \$.04010-01 45.49 \$.04070-01 1.1316-03 \$.1378 02 1.386 03 1.3628 01 1.3628 02 1.362	85.400		-315E-	45.44	4.468E-01	-9.146F-04	3166			-2.788E-02
1.9 \$.6086=01 4.5 \$4 ***07E=01 1.231E=03 4.395E 02 1.395E 03 1.305E 01 2.2 \$1.395E 03 1.305E 01 2.395E 03 1.305E 03	85.500		-91 49·	45.49	4.467E-01	-1.1316-03	373€	3996.		-3.448E-02
2.5 9,000E-01 45.00 ++66E-01 -1.021E-03 ++356E 02 1.390E 03 1.342E 01 2.5 4.5 9,000E-01 45.70 ++66E-01 -1.066E-03 ++356E 02 1.390E 03 1.342E 01 2.5 6.5 9,000E-01 45.70 ++66E-01 -1.069E-03 ++356E 02 1.390E 03 1.342E 01 2.5 6.5 9,000E-01 45.70 ++66E-01 -1.079E-04 +337E 02 1.390E 03 1.342E 01 2.5 6.5 9,000E-01 45.77 ++66E-01 -1.079E-04 +337E 02 1.390E 03 1.342E 01 2.5 6.5 9,000E-01 45.77 ++66E-01 -1.079E-04 +337E 02 1.401E 03 1.342E 01 2.5 6.5 9,000E-01 45.77 ++66E-01 -1.079E-04 +337E 02 1.401E 03 1.342E 01 2.5 6.5 9,000E-01 45.77 ++66E-01 -1.079E-04 +337E 02 1.401E 03 1.342E 01 2.5 6.5 9,000E-01 46.03 ++66E-01 -1.079E-04 +337E 02 1.401E 03 1.342E 01 2.5 6.5 9,000E-01 46.03 ++66E-01 -1.079E-04 +337E 02 1.401E 03 1.342E 01 2.5 6.5 9,000E-01 46.03 ++66E-01 -1.079E-04 +337E 02 1.401E 03 1.342E 01 2.5 6.5 9,000E-01 46.03 ++66E-01 -1.079E-04 +337E 02 1.401E 03 1.342E 01 2.5 6.5 9,000E-01 46.13 ++66E-01 -1.079E-04 +337E 02 1.401E 03 1.342E 01 2.5 6.5 9,000E-01 46.13 ++66E-01 -1.079E-04 +337E 02 1.401E 03 1.342E 01 2.5 6.5 9,000E-01 46.13 ++66E-01 -1.079E-04 +337E 02 1.401E 03 1.342E 01 2.5 6.5 9,000E-01 46.13 ++66E-01 -1.079E-04 +337E 02 1.401E 03 1.342E 01 2.5 6.5 9,000E-01 46.13 ++66E-01 -1.079E-04 +337E 02 1.401E 03 1.342E 01 2.5 6.5 9,000E-01 46.13 ++66E-01 -1.079E-04 +337E 02 1.401E 03 1.342E 01 2.5 6.5 9,000E-01 46.13 ++66E-01 -1.079E-04 +337E 02 1.401E 03 1.342E 01 2.5 6.5 9,000E-01 46.13 ++66E-01 -1.079E-04 +337E 02 1.401E 03 1.342E 01 2.5 6.5 9,000E-01 46.13 ++66E-01 -1.079E-04 +337E 02 1.401E 03 1.342E 01 2.5 6.5 9,000E-01 46.13 ++66E-01 -1.079E-04 +337E 02 1.401E 03 1.342E 01 2.5 6.5 9,000E-01 46.13 ++66E-01 -1.079E-04 +337E 02 1.401E 03 1.342E 01 2.5 6.5 9,000E-01 46.13 ++66E-01 -1.079E-04 +337E 02 1.401E 03 1.342E 01 2.5 6.5 9,000E-01 47.72 ++66E-01 -1.079E-04 +337E 02 1.401E 03 1.342E 01 2.5 6.5 9,000E-01 47.72 ++66E-01 -1.079E-04 +337E 02 1.401E 03 1.342E 03	85.600		-684E-	45.54	4.467E-01	-1.239E-03	. 39 2E	. 36 EE		-3.775E-02
2.1 9.577E-01 45.05 44.66E-01 1.068E-03 4.2348 02 1.3318 03 1.3418 01 1.3418	85.700		.603E-	45.60	4.468E-01	-1.211E-03	356E			-3.690E-02
2.4 9.037E-01 45.77 4467E-01 7.041E-04 4.371E 02 1.391E 03 1.352E	85.800		-479E-	45.65	4.466E-01	-1.669E-03	299E			
2.0 9.005—01 45.77 4.467F—01 7.641E—04 4.357F 02 1.374F 03 1.332F 01 1.372F 01 4.375F 02 1.374F 03 1.332F 01 1.372F 01 4.375F 02 1.497F 03 1.332F 01 1.372F 02 1.401F 03 1.372F 01 1.372F 02 1.401F 03 1.372F 02 1.401F 03 1.372F 03 1.372F 02 1.401F 03 1.372F	85.900		-537E-	45.70	4.467E-01	6.494E-04	326E	- 35 3E		
2.4 9.0222-01 45.83 4.468E-01 -2.748E-04 4.318E 02 1.397E 03 1.332E 01 2.5 9.0222-01 45.83 4.468E-01 -1.873E-04 4.35E 02 1.408E 03 1.332E 01 2.6 9.0222-01 45.83 4.468E-01 -1.873E-04 4.35E 02 1.408E 03 1.332E 01 2.7 9.0222-01 45.97 4.468E-01 -1.873E-04 4.35E 02 1.408E 03 1.332E 01 2.8 9.0222-01 46.00 4.468E-01 -1.873E-04 4.33E 02 1.408E 03 1.331E 01 2.9 9.0072-01 46.00 4.468E-01 -2.032E-04 4.33E 02 1.408E 03 1.331E 01 2.8 9.0072-01 46.00 4.468E-01 -2.932E-04 4.33E 02 1.408E 03 1.331E 01 2.8 9.0072-01 46.00 4.468E-01 -2.932E-04 4.33E 02 1.408E 03 1.331E 01 2.8 9.0072-01 46.00 4.468E-01 -2.932E-04 4.33E 02 1.408E 03 1.331E 01 2.9 9.0072-01 46.00 4.468E-01 -2.932E-04 4.33E 02 1.418E 03 1.33E 02 2.1 9.0072-01 46.00 4.468E-01 -1.287E-04 4.33E 02 1.418E 03 1.33E 03 2.1 9.0072-01 46.00 4.468E-01 -1.287E-04 4.33E 02 1.418E 03 1.33E 03 1.	86.000		.637E-	45.75	4.467E-01	7.041E-04	3716	.394€		
2.9 9.552E-01 45.87 4.468E-01 -1.673E-04 4.3106 02 1.396 03 1.352E 01 2.2 9.552E-01 45.87 4.468E-01 -1.673E-04 4.3106 02 1.396 03 1.352E 01 2.2 9.562E-01 45.97 4.466E-01 -1.693E-04 4.356E 02 1.401E 03 1.332E 01 2.2 9.562E-01 46.00 4.465E-01 -1.693E-04 4.356E 02 1.401E 03 1.332E 01 2.2 9.562E-01 46.00 4.465E-01 -1.693E-04 4.356E 02 1.401E 03 1.301E 01 2.2 9.560E-01 46.00 4.465E-01 -2.603E-04 4.356E 02 1.401E 03 1.301E 01 2.2 9.696E-01 46.17 46.65E-01 1.372E-04 4.356E 02 1.401E 03 1.301E 01 2.2 9.696E-01 46.17 4.465E-01 3.772E-04 4.335E 02 1.401E 03 1.301E 01 2.2 9.696E-01 46.2 4.465E-01 3.772E-04 4.335E 02 1.401E 03 1.301E 01 2.2 9.696E-01 46.2 4.465E-01 3.772E-04 4.335E 02 1.401E 03 1.302E 01 2.2 9.696E-01 46.2 4.465E-01 7.778E-04 4.335E 02 1.401E 03 1.302E 01 2.2 9.696E-01 46.2 4.465E-01 7.778E-04 4.335E 02 1.401E 03 1.302E 01 2.2 9.696E-01 46.2 4.465E-01 7.778E-04 4.335E 02 1.401E 03 1.302E 01 2.2 9.696E-01 46.2 4.465E-01 1.102E-04 4.336E 02 1.401E 03 1.301E 01 2.2 9.696E-01 46.2 4.465E-01 1.102E-04 4.336E 02 1.401E 03 1.301E 01 2.2 9.696E-01 46.3 4.466E-01 1.102E-04 4.336E 02 1.421E 03 1.301E 01 2.2 9.696E-01 46.3 4.465E-01 1.102E-04 4.336E 02 1.421E 03 1.301E 01 2.2 9.696E-01 46.3 4.465E-01 1.102E-04 4.336E 02 1.421E 03 1.301E 01 2.2 9.696E-01 46.3 4.465E-01 1.102E-04 4.336E 02 1.421E 03 1.301E 01 2.2 9.696E-01 46.3 4.465E-01 1.102E-04 4.336E 02 1.421E 03 1.301E 01 1.301E 01 2.2 9.696E-01 46.3 4.465E-01 1.102E-04 4.336E 02 1.431E 03 1.301E 01 1.301	86.100		-9909 ·	45.79	4.467E-01	7.615E-04	36	356E		2.32 1E-02
1.80 0.5575 0.5	86.200		-5226-	45.83	4.468E-01	-2.748E-04		3976		•
2.4 9.662E-01 45.77 4.466E-01 -1.631E-04 4.351E 02 1.401E 03 1.301E 01 2.4 9.662E-01 46.00 4.465E-01 -1.631E-04 4.351E 02 1.401E 03 1.301E 01 2.4 9.662E-01 46.00 4.465E-01 -2.932E-04 4.335E 02 1.401E 03 1.301E 01 2.4 9.697E-01 46.00 4.465E-01 -3.932E-04 4.335E 02 1.401E 03 1.301E 01 2.4 9.697E-01 46.00 4.465E-01 -3.932E-04 4.335E 02 1.401E 03 1.301E 01 2.4 9.697E-01 46.01 46.01 4.465E-01 -3.932E-04 4.335E 02 1.401E 03 1.301E 01 2.5 9.697E-01 46.31 4.465E-01 -3.932E-04 4.335E 02 1.401E 03 1.301E 01 2.6 9.697E-01 46.32 4.465E-01 -3.932E-04 4.335E 02 1.401E 03 1.302E 01 2.7 9.697E-01 46.32 4.467E-01 -1.318E-04 4.336E 02 1.401E 03 1.302E 01 2.8 9.697E-01 46.32 4.467E-01 -1.318E-04 4.336E 02 1.401E 03 1.302E 01 2.9 9.697E-01 46.32 4.466E-01 -1.318E-04 4.336E 02 1.401E 03 1.302E 01 2.9 9.697E-01 46.32 4.466E-01 -1.318E-04 4.336E 02 1.401E 03 1.301E 01 2.9 9.697E-01 46.32 4.466E-01 -1.318E-04 4.336E 02 1.401E 03 1.301E 01 2.9 9.697E-01 46.32 4.466E-01 -1.318E-04 4.336E 02 1.401E 03 1.301E 01 2.9 9.697E-01 46.32 4.466E-01 -1.326E-04 4.336E 02 1.401E 03 1.301E 01 2.9 9.697E-01 46.32 4.466E-01 -1.326E-04 4.336E 02 1.401E 03 1.301E 01 2.9 9.697E-01 46.32 4.466E-01 -1.326E-04 4.336E 02 1.401E 03 1.301E 01 2.9 9.697E-01 46.32 4.466E-01 -1.326E-04 4.336E 02 1.401E 03 1.301E 01 2.9 9.697E-01 46.32 4.466E-01 -1.326E-04 4.336E 02 1.401E 03 1.301E 01 2.9 9.697E-01 46.32 4.466E-01 -1.326E-04 4.336E 02 1.401E 03 1.301E 01 2.9 9.697E-01 46.32 4.466E-01 -1.326E-04 4.336E 02 1.401E 03 1.301E 01 2.9 9.697E-01 46.32 4.466E-01 -1.326E-04 4.336E 02 1.401E 03 1.301E 01 2.9 9.697E-01 46.32 4.466E-01 -1.326E-04 4.336E 02 1.401E 03 1.301E 01 2.9 9.697E-01 46.32 4.466E-01 -1.326E-04 4.336E 02 1.401E 03 1.301E 01 2.9 9.697E-01 46.32 4.466E-01 -1.326E-04 4.336E 02 1.401E 03 1.301E 01 2.9 9.697E-01 46.32 4.466E-01 -1.326E-04 4.336E 02 1.401E 03 1.301E 01 2.9 9.697E-01 47.72 4.466E-01 -1.326E-04 4.336E 02 1.401E 03 1.301E 01 2.9 9.697E-01 47.72 4.466E-01 -1.326E-04 4.336E 02 1.401E 03 1.301E 01 2.9 9.697E-01 47.72 4.466E-01 -1.326E-04 4.336E 02 1	86.300	8.		45.87	4.468E-01	-1.8736-04		386		
2.4 9.5626-01 4.60 4.665-01 -1.9916-03 4.3378 02 1.0018 03 1.3618 01 2.5 9.6096-01 46.03 4.665-01 -2.0326-04 4.358 02 1.0018 03 1.3618 01 2.5 9.6096-01 46.13 4.665-01 -2.0326-04 4.358 02 1.0018 03 1.3618 01 2.6 9.5576-01 46.13 4.665-01 -1.9316-04 4.358 02 1.0018 03 1.3618 01 2.6 9.5576-01 46.13 4.666-01 2.7486-04 4.358 02 1.4018 03 1.3618 01 2.7 9.5586-01 46.13 4.666-01 2.7486-04 4.358 02 1.412 03 1.3618 01 2.8 9.5576-01 46.13 4.666-01 2.7486-04 4.358 02 1.412 03 1.3618 01 2.9 9.5576-01 46.13 4.666-01 1.0236-04 4.358 02 1.412 03 1.3628 01 2.1 9.5586-01 46.13 4.666-01 1.0236-04 4.358 02 1.412 03 1.3628 01 2.2 9.5586-01 46.13 4.666-01 1.0236-04 4.358 02 1.412 03 1.3618 01 2.3 9.5586-01 46.13 4.666-01 1.0236-04 4.358 02 1.412 03 1.3618 01 2.4 9.5586-01 46.13 4.666-01 1.0236-04 4.358 02 1.412 03 1.3618 01 2.5 9.5586-01 46.13 4.666-01 1.0256-04 4.358 02 1.412 03 1.3618 01 2.5 9.5586-01 46.13 4.666-01 1.0256-04 4.358 02 1.428 03 1.3618 01 2.5 9.5586-01 46.13 4.666-01 1.0256-04 4.358 02 1.428 03 1.3618 01 2.5 9.5586-01 46.13 4.6676-01 1.0256-04 4.358 02 1.428 03 1.3618 01 2.5 9.5586-01 46.10 46	86.400	5.5	•	45.92	4.469E-01	-8.586E-04	357E	300		~
2.1 9.556E-01 46.03 4465E-01 -2.955E-04 4.358 02 1.4046 03 1.5016 01 2.4 9.556E-01 46.13 4465E-01 -2.955E-04 4.358 02 1.4046 03 1.5016 01 2.5 9.609E-01 46.13 4465E-01 -2.955E-04 4.358 02 1.4016 03 1.5016 01 2.6 9.55EE-01 46.23 4465E-01 -2.955E-04 4.358 02 1.4016 03 1.5016 01 2.1 9.55EE-01 46.23 4465E-01 -2.955E-04 4.358 02 1.415 03 1.3016 01 2.2 9.56EE-01 46.33 4465E-01 -1.23E-03 4.3516 02 1.415 03 1.3016 01 2.3 9.56EE-01 46.34 4465E-01 -1.23E-03 4.3516 02 1.415 03 1.3016 01 2.4 9.55EE-01 46.35 4465E-01 -1.23E-03 4.3516 02 1.415 03 1.3016 01 2.5 9.50EE-01 46.35 4465E-01 -1.23E-03 4.3516 02 1.415 03 1.3016 01 2.5 9.50EE-01 46.30 4465E-01 -1.23E-03 4.3516 02 1.415 03 1.3016 01 2.5 9.50EE-01 46.50 4465E-01 -1.23E-03 4.35E 02 1.415 03 1.3016 01 2.5 9.50EE-01 46.50 4465E-01 -1.23E-03 4.35E 02 1.415 03 1.3016 01 2.5 9.50EE-01 46.50 4465E-01 -1.25E-03 4.35E 02 1.415 03 1.3016 01 2.5 9.50EE-01 46.50 4465E-01 -1.33E-04 4.33E 02 1.42E 03 1.3016 01 2.5 9.50EE-01 46.50 4465E-01 -1.33E-04 4.33E 02 1.42E 03 1.3016 01 2.5 9.50EE-01 46.50 4465E-01 -1.33E-04 4.33E 02 1.42E 03 1.3016 01 2.5 9.50EE-01 46.50 4465E-01 -1.33E-04 4.33E 02 1.43E 03 1.301E 01 2.5 9.50EE-01 46.70 4465E-01 -1.33E-04 4.33E 02 1.43E 03 1.301E 01 2.5 9.50EE-01 46.70 4465E-01 -1.33E-04 4.33E 02 1.43E 03 1.301E 01 2.5 9.50EE-01 46.70 4465E-01 -1.33E-04 4.33E 02 1.43E 03 1.301E 01 2.5 9.50EE-01 47.70 4465E-01 -1.33E-04 4.35E 02 1.43E 03 1.301E 01 2.5 9.50EE-01 47.70 4465E-01 -1.33E-04 4.35E 02 1.43E 03 1.301E 01 2.5 9.50EE-01 47.70 4465E-01 -1.33E-04 4.35E 02 1.43E 03 1.301E 01 2.5 9.50EE-01 47.70 4465E-01 -1.33E-04 4.35E 02 1.43E 03 1.301E 01 2.5 9.50EE-01 47.70 4465E-01 -1.33E-04 4.35E 02 1.43E 03 1.301E 01 2.5 9.50EE-01 47.70 4465E-01 -2.93E-04 4.35E 02 1.43E 03 1.301E 01 2.5 9.50EE-01 47.70 4465E-01 -2.93E-04 4.35E 02 1.43E 03 1.301E 01 2.5 9.50EE-01 47.70 4465E-01 -2.93E-04 4.35E 02 1.44E 03 1.301E 01 2.5 9.50EE-01 47.70 4465E-01 -2.93E-04 4.35E 02 1.44E 03 1.301E 01 2.5 9.50EE-01 47.72 4.46EE-01 -2.35E-04 4.35E 02 1.44E 03 1.301E 01 2.5 9.50EE-01 47.72 4	86.500	7	-9779·	45.67	10-1004.4	-1.69 35-03	3005	100		
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1.7 9.520E-01 46.60 4.465E-01 -1.162E-04 4.316E 02 1.420E 03 1.361E 01 2.2 9.553E-01 46.65 4.466E-01 6.385E-04 4.336E 02 1.422E 03 1.361E 01 2.3 9.647E-01 46.70 4.466E-01 -1.42E-04 4.376E 02 1.422E 03 1.361E 01 2.4 9.656E-01 46.70 4.467E-01 1.025E-03 4.336E 02 1.422E 03 1.361E 01 2.5 9.647E-01 46.70 4.467E-01 -1.025E-03 4.336E 02 1.422E 03 1.361E 01 2.6 9.668E-01 46.70 4.465E-01 -1.933E-03 4.365E 02 1.422E 03 1.361E 01 2.5 9.668E-01 46.92 4.465E-01 -1.933E-03 4.365E 02 1.422E 03 1.361E 01 2.5 9.668E-01 47.00 4.465E-01 -1.933E-03 4.367E 02 1.430E 03 1.361E 01 2.5 9.658E-01 47.01 4.465E-01 1.119E-03 4.367E 02 1.432E 03 1.361E 01 2.5 9.658E-01 47.11 4.466E-01 1.119E-03 4.367E 02 1.432E 03 1.361E 01 2.5 9.658E-01 47.20 4.467E-01 2.063E-04 4.357E 02 1.432E 03 1.361E 01 2.5 9.658E-01 47.20 4.467E-01 -9.721E-04 4.357E 02 1.441E 03 1.361E 01 2.5 9.658E-01 47.20 4.468E-01 -9.721E-04 4.357E 02 1.441E 03 1.362E 01 2.5 9.659E-01 47.20 4.468E-01 -2.95E-03 4.367E 02 1.441E 03 1.362E 01 2.5 9.659E-01 47.20 4.468E-01 -9.721E-04 4.367E 02 1.441E 03 1.362E 01 2.5 9.619E-01 47.40 4.464E-01 -9.235E-04 4.360E 02 1.441E 03 1.361E 01 2.5 9.619E-01 47.40 4.464E-01 -9.235E-04 4.360E 02 1.441E 03 1.361E 01 2.5 9.619E-01 47.40 4.464E-01 -9.235E-04 4.360E 02 1.441E 03 1.361E 01 2.5 9.613E-01 47.40 4.464E-01 -9.235E-04 4.360E 02 1.441E 03 1.361E 01 2.5 9.619E-01 47.40 4.464E-01 -9.235E-04 4.360E 02 1.441E 03 1.361E 01 2.5 9.619E-01 47.40 4.464E-01 -9.235E-04 4.360E 02 1.441E 03 1.361E 01 2.5 9.619E-01 47.40 4.464E-01 -9.235E-04 4.360E 02 1.441E 03 1.361E 01 2.6 9.618E-01 47.40 4.464E-01 -9.235E-04 4.360E 02 1.441E 03 1.361E 01 2.7 9.618E-01 47.40 4.464E-01 -9.235E-04 4.360E 02 1.441E 03 1.361E 01 2.8 9.618E-01 47.40 4.464E-01 -9.235E-04 4.360E 02 1.441E 03 1.361E 01 2.9 9.618E-01 47.40 4.464E-01 -9.235E-04 4.360E 02 1.441E 03 1.361E 01 2.9 9.618E-01 47.40 4.464E-01 -9.235E-04 4.360E 02 1.441E 03 1.361E 01 2.9 9.618E-01 47.40 4.464E-01 -9.235E-04 4.360E 02 1.441E 03 1.361E 01 2.9 9.618E-01 47.40 4.464E-01 -9.235E-04 4.360E 02 1.441E 03 1.36	87.800	2	-9819·	46.56	4-4666-01	-4.245E-04				-1.294E-02
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2.5 9.656F-01 46.70 4.466F-01 -1.142E-04 4.30E 02 1.423E 03 1.361E 01 2.4 9.657E-01 46.74 4.467E-01 -1.025E-04 4.316E 02 1.425E 03 1.361E 01 2.4 9.526F-01 46.78 4.467E-01 -1.025E-03 4.336E 02 1.425E 03 1.361E 01 2.3 9.526F-01 46.78 4.467E-01 -1.489E-03 4.336E 02 1.427E 03 1.361E 01 2.4 9.526F-01 46.78 4.466F-01 -2.139E-03 4.361E 02 1.427E 03 1.361E 01 2.5 9.661E-01 46.86 4.465F-01 -2.139E-04 4.347E 02 1.437E 03 1.361E 01 2.5 9.657E-01 47.07 4.465F-01 -5.366F-04 4.347E 02 1.437E 03 1.361E 01 2.5 9.657E-01 47.07 4.467E-01 -5.366F-04 4.347E 02 1.437E 03 1.361E 01 2.5 9.657E-01 47.07 4.467E-01 -5.366F-04 4.357E 02 1.437E 03 1.361E 01 2.5 9.657E-01 47.20 4.467E-01 1.119E-03 4.357E 02 1.437E 03 1.361E 01 2.5 9.657E-01 47.20 4.467E-01 1.442E-04 4.337E 02 1.447E 03 1.362E 01 2.5 9.657E-01 47.20 4.467E-01 -2.495E-03 4.357E 02 1.447E 03 1.362E 01 2.5 9.697E-01 47.20 4.467E-01 -2.495E-03 4.367E 02 1.447E 03 1.362E 01 2.5 9.697E-01 47.20 4.464E-01 -2.495E-03 4.360E 02 1.447E 03 1.361E 01 2.5 9.697E-01 47.47 40.464E-01 -2.495E-03 4.360E 02 1.447E 03 1.361E 01 2.6 9.697E-01 47.47 40.464E-01 -9.235E-04 4.360E 02 1.445E 03 1.361E 01 2.7 9.697E-01 47.47 40.464E-01 -9.235E-04 4.360E 02 1.445E 03 1.361E 01 2.8 9.697E-01 47.42 4.464E-01 -9.235E-04 4.360E 02 1.445E 03 1.361E 01 2.9 9.697E-01 47.47 40.464E-01 -9.235E-04 4.360E 02 1.445E 03 1.361E 01 2.9 9.697E-01 47.47 40.464E-01 -9.235E-04 4.360E 02 1.445E 03 1.361E 01 2.9 9.697E-01 47.47 40.464E-01 -9.235E-04 4.360E 02 1.445E 03 1.361E 01 2.9 9.697E-01 47.47 40.464E-01 -9.235E-04 4.360E 02 1.445E 03 1.361E 01 2.9 9.697E-01 47.47 40.464E-01 -9.235E-04 4.360E 02 1.445E 03 1.361E 01 2.9 9.697E-01 47.47 40.464E-01 -9.235E-04 4.360E 02 1.445E 03 1.361E 01 2.9 9.697E-01 47.47 40.464E-01 -9.235E-04 4.360E 02 1.445E 03 1.361E 01 2.9 9.697E-01 47.47 40.464E-01 -9.235E-04 4.360E 02 1.445E 03 1.361E 01 2.9 9.697E-01 47.47 40.464E-01 -9.235E-04 4.360E 02 1.445E 03 1.361E 01 2.9 9.697E-01 47.49 40.497E-01 -9.235E-04 4.360E 02 1.445E 03 1.361E 01 2.9 9.697E-01 47.40 40.407E-01 -9.235E-04 4.360E	88.000	2	-5536-	46.65	4.4666-01	6.385E-04				1.946E-02
2.9 9.647E-01 46.74 4.467E-01 8.032E-04 4.376E 02 1.425E 03 1.361E 01 2.4 9.559E-01 46.78 4.467E-01 -1.025E-03 4.336E 02 1.426E 03 1.361E 01 1.9 9.618E-01 46.86 4.466E-01 -2.139E-03 4.361E 02 1.426E 03 1.361E 01 2.6 9.668E-01 46.97 4.465E-01 -2.139E-03 4.363E 02 1.426E 03 1.361E 01 2.5 9.628E-01 46.97 4.465E-01 -1.93E-03 4.367E 02 1.436E 03 1.361E 01 2.7 9.658E-01 47.07 4.465E-01 3.671E-04 4.347E 02 1.432E 03 1.361E 01 2.8 9.572E-01 47.07 4.465E-01 -5.366E-04 4.347E 02 1.432E 03 1.361E 01 2.9 9.628E-01 47.07 4.466E-01 1.119E-03 4.367E 02 1.432E 03 1.361E 01 2.9 9.658E-01 47.29 4.466E-01 1.442E-04 4.357E 02 1.443E 03 1.362E 01 2.9 9.594E-01 47.29 4.466E-01 -2.499E-04 4.354E 02 1.441E 03 1.362E 01 2.9 9.619E-01 47.33 4.464E-01 -2.499E-03 4.361E 02 1.444E 03 1.361E 01 2.9 9.619E-01 47.42 4.466E-01 -2.499E-03 4.361E 02 1.444E 03 1.361E 01 2.9 9.619E-01 47.42 4.466E-01 -9.721E-04 4.350E 02 1.444E 03 1.361E 01 2.9 9.619E-01 47.42 4.466E-01 -9.235E-04 4.360E 02 1.444E 03 1.361E 01 2.9 9.613E-01 47.42 4.464E-01 -9.235E-04 4.360E 02 1.445E 03 1.361E 01 2.9 9.613E-01 47.42 4.464E-01 -9.235E-04 4.360E 02 1.445E 03 1.361E 01 2.9 9.613E-01 47.42 4.464E-01 -9.235E-04 4.360E 02 1.445E 03 1.361E 01	88.100	2	-9959·	46.70	4.466E-01	-1.142E-04		23E		-3.460E-03
2.4 9.559E-01 46.78 4.467E-01 -1.025E-03 4.336E 02 1.426E 03 1.361E 01 -1.689E-03 4.365E 02 1.427E 03 1.361E 01 -1.689E-03 4.365E 02 1.427E 03 1.361E 01 -1.689E-03 4.365E 02 1.427E 03 1.361E 01 -1.689E-03 4.365E 02 1.428E 03 1.361E 01 -1.689E-01 46.92 4.466E-01 -1.938E-03 4.365E 02 1.432E 03 1.361E 01 -1.936E-01 46.97 4.463E-01 -1.938E-03 4.367E 02 1.432E 03 1.361E 01 -1.936E-01 47.00 4.465E-01 3.671E-04 4.367E 02 1.433E 03 1.361E 01 -1.936E-01 47.00 4.465E-01 1.119E-03 4.367E 02 1.433E 03 1.361E 01 -1.936E-01 47.11 4.466E-01 1.119E-03 4.337E 02 1.439E 03 1.361E 01 -1.996E-01 47.29 4.467E-01 2.363E-04 4.334E 02 1.449E 03 1.362E 01 1.442E-04 4.334E 02 1.449E 03 1.362E 01 47.29 4.467E-01 -2.499E-03 4.363E 02 1.444E 03 1.362E 01 -2.499E-03 4.363E 02 1.444E 03 1.362E 01 -2.499E-03 4.363E 02 1.444E 03 1.361E 01 -2.499E-03 4.360E 02 1.445E 03 1.361E 01 -2.499E-03 4.360E 02 1.360E 02 1.360E 02 1.360E 02 1.360E 02 1.360E 02 1.360E 02	88.200	7	-947E-	46.74	4.4676-01	8.032E-04		25E	27	2.4486-02
2.3 9.526F-01 46.83 4.466F-01 -1.489F-03 4.321E 02 1.427E 03 1.361E 01 -1.489F-03 4.363E 02 1.427E 03 1.361E 01 -1.931E-01 46.86 4.466F-01 -1.931E-03 4.365E 02 1.430E 03 1.361E 01 -1.931E-03 4.365E 02 1.430E 03 1.361E 01 -1.931E-03 4.365E-01 4.700 4.465F-01 -1.931E-04 4.334E 02 1.433E 03 1.361E 01 -1.931E-03 4.365E-01 47.00 4.465F-01 1.119F-03 4.367E 02 1.433E 03 1.361E 01 -1.931E-03 4.367E-03 1.361E 01 -1.931E-03 1.361E-03 1.361E-	88.300	7	-3656·	46.78	467	-1.025E-03			1.33	-3.123E-02
1.9 9.618E-01 46.86 4.466E-01 -2.139E-03 4.36E 02 1.428E 03 1.361E 01 -6.2627E-01 46.92 4.465E-01 -1.932E-03 4.365E 02 1.430E 03 1.361E 01 -6.267E-01 46.97 4.465E-01 -1.932E-03 4.365E 02 1.430E 03 1.361E 01 -3.677E-01 47.00 4.465E-01 3.671E-04 4.334E 02 1.435E 03 1.361E 01 -3.677E-01 47.07 4.467E-01 -5.366E-04 4.342E 02 1.435E 03 1.361E 01 -3.677E-01 47.07 4.467E-01 1.119E-03 4.367E 02 1.435E 03 1.361E 01 -3.677E-01 47.20 4.467E-01 4.799E-04 4.339E 02 1.440E 03 1.362E 01 47.20 4.467E-01 1.442E-04 4.339E 02 1.440E 03 1.362E 01 47.29 4.468E-01 -2.499E-03 4.365E 02 1.444E 03 1.361E 01 -3.679E 03 1.361E 01 -3.679E-01 47.38 4.464E-01 -2.195E-03 4.360E 02 1.445E 03 1.361E 01 -3.679E-01 47.38 4.464E-01 -2.195E-03 4.360E 02 1.445E 03 1.361E 01 -3.679E-03 4.360E 02 1.445E 0		7	- 526E-	46.83	400	-1.489E-03		27E		-4.538E-02
2.6 9.668E-01 46.92 4.465E-01 -1.933E-03 4.345E 02 1.430E 03 1.361E 01 -2.5 9.627E-01 46.97 4.463E-01 -3.671E-04 4.34E 02 1.432E 03 1.361E 01 -3.671E-04 4.34E 02 1.432E 03 1.361E 01 -3.671E-04 4.34E 02 1.433E 03 1.361E 01 -3.671E-04 4.34E 02 1.433E 03 1.361E 01 -3.671E-04 4.34E 02 1.439E 03 1.361E 01 -3.651E-01 47.07 4.467E-01 2.367E 02 1.439E 03 1.361E 01 -3.651E-01 47.16 4.467E-01 2.367E 02 1.439E 03 1.361E 01 -3.651E-01 47.29 4.467E-01 1.442E-04 4.334E 02 1.449E 03 1.362E 01 47.29 4.468E-01 1.442E-04 4.339E 02 1.449E 03 1.362E 01 47.29 4.468E-01 -9.721E-04 4.350E 02 1.449E 03 1.361E 01 -3.691E-01 47.38 4.466E-01 -2.195E-03 4.350E 02 1.445E 03 1.361E 01 -3.691E-01 47.49 4.467E-01 -9.725E-03 4.350E 02 1.445E 03 1.361E 01 -3.691E-01 47.49 4.360E 02 1.445E 03 1.361E 01 -3.691E-01 47.49 4.466E-01 -9.235E-04 4.360E 02 1.445E 03 1.361E 01 -3.691E-01 47.49 4.691E-01 -9.235E-04 4.360E 02 1.445E 03 1.361E 01 -3.691E-01 47.49 4.691E-01 -9.235E-04 4.360E 02 1.445E 03 1.361E 01 -3.691E-01 47.49 4.691E-01 -9.235E-04 4.360E 02 1.445E 03 1.361E 01 -3.691E-01 47.49 4.691E-01 -9.235E-04 4.360E 02 1.445E 03 1.361E 01 -3.691E-01 47.49 4.691E-01 -9.235E-04 4.360E 02 1.445E 03 1.361E 01 -3.691E-01 47.49 4.691E-01 -9.235E-04 4.360E 02 1.445E 03 1.361E 01 -3.691E-01 47.49 4.691E-01 47.491E-01 4		-	-9819°	46.86	4.4666-01	-2.139E-03	363€	28E	422	-6.520E-02
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2.1 9.554E-01 47.00 4.465E-01 3.671E-04 4.334E 02 1.433E 03 1.361E 01 1.255E-01 47.07 4.467E-01 -5.366E-04 4.337E 02 1.435E 03 1.361E 01 -1.255E-01 47.11 4.466E-01 1.319E-03 4.357E 02 1.436E 03 1.361E 01 3.255E-01 47.12 4.467E-01 2.803E-05 4.357E 02 1.438E 03 1.362E 01 1.362E 01 47.20 4.467E-01 4.799E-04 4.339E 02 1.449E 03 1.362E 01 1.362E 01 47.29 4.468E-01 -7.721E-04 4.339E 02 1.449E 03 1.362E 01 -7.25 9.619E-01 47.33 4.467E-01 -2.499E-03 4.363E 02 1.444E 03 1.361E 01 -7.25 9.613E-01 47.34 4.464E-01 -2.499E-03 4.360E 02 1.444E 03 1.361E 01 -2.25 9.613E-01 47.42 4.464E-01 -9.235E-04 4.360E 02 1.445E 03 1.361E 01 -2.25 9.613E-01 47.42 4.464E-01 -9.235E-04 4.360E 02 1.445E 03 1.361E 01 -2.25 9.613E-01 47.42 4.464E-01 -9.235E-04 4.360E 02 1.445E 03 1.361E 01 -2.25 9.613E-01 47.45 9.235E-04 4.360E 02 1.445E 03 1.361E 01 -2.25 9.613E-01 47.45 9.235E-04 4.360E 02 1.445E 03 1.361E 01 -2.25 9.613E-01 47.45 9.235E-04 4.360E 02 1.445E 03 1.361E 01 -2.235E-04 4.360E 02 1.445	88.700	7	-627E-	46.97	4.463E-01	-8.736E-04	367E	32E	4	-2.663E-02
2.5 9.572E-01 47.07 4.466E-01 -5.366E-04 4.342E 02 1.436E 03 1.361E 01 -1. 2.0 9.628E-01 47.11 4.466E-01 1.119E-03 4.357E 02 1.436E 03 1.361E 01 3. 2.5 9.605E-01 47.20 4.467E-01 4.799E-04 4.337E 02 1.438E 03 1.362E 01 1.362E 01 47.25 4.468E-01 1.442E-04 4.339E 02 1.440E 03 1.362E 01 1.362E 01 47.39 4.466E-01 -2.1595E 02 1.443E 03 1.362E 01 -2.3 9.591E-01 47.33 4.467E-01 -2.195E-03 4.360E 02 1.444E 03 1.361E 01 -7.2 2.5 9.613E-01 47.42 4.464E-01 -2.195E-04 4.360E 02 1.445E 03 1.361E 01 -2.3 9.613E-01 47.42 4.464E-01 -9.235E-04 4.360E 02 1.445E 03 1.361E 01 -2.3 9.613E-01 47.42 4.464E-01 -9.235E-04 4.360E 02 1.445E 03 1.361E 01 -2.3 9.613E-01 47.42 4.464E-01 -9.235E-04 4.360E 02 1.445E 03 1.361E 01 -2.3 9.613E-01 47.42 4.464E-01 -9.235E-04 4.360E 02 1.445E 03 1.361E 01 -2.3 9.613E-01 47.42 4.464E-01 -9.235E-04 4.360E 02 1.445E 03 1.361E 01 -2.3 9.613E-01 47.42 4.464E-01 -9.235E-04 4.360E 02 1.445E 03 1.361E 01 -2.3 9.613E-01 47.42 4.464E-01 -9.235E-04 4.360E 02 1.445E 03 1.361E 01 -2.3 9.613E-01 47.42 4.464E-01 -9.235E-04 4.360E 02 1.445E 03 1.361E 01 -2.3 9.613E-01 47.3 4.464E-01 -9.235E-04 4.360E 02 1.445E 03 1.361E 01 -2.3 9.613E-01 47.3 4.464E-01 -9.235E-04 4.360E 02 1.445E 03 1.361E 01 -2.3 9.613E-01 47.3 4.464E-01 -9.235E-04 4.360E 02 1.445E 03 1.361E 01 -2.3 9.613E-01 47.3 4.464E-01 -9.235E-04 4.360E 02 1.445E 03 1.361E 01 -2.3 9.613E-01 47.3 4.464E-01 -9.235E-04 4.360E 02 1.445E 03 1.361E 01 -2.3 9.613E-01 47.3 4.464E-01 -9.235E-04 4.360E 02 1.445E 03 1.361E 01 -2.3 9.613E-01 47.3 4.464E-01 -9.235E-04 4.360E 02 1.445E 03 1.361E 01 -2.3 9.613E-01 47.3 4.464E-01 -9.235E-04 4.360E 02 1.445E 03 1.361E 01 -2.3 9.613E-01 47.3 4.464E-01 -9.235E-04 4.360E 02 1.445E 03 1.361E 01 -2.3 9.613E-01 4.3 9.613E-01 47.3 4.464E-01 4.3 9.3 9.613E-01 4.3 9.3 9.3 9.3 9.3 9.3 9.3 9.3 9.3 9.3 9	88.800	7	- 554E-	47.00	4.465E-01	3.671E-04	334E	336		1.115E-02
2.0 9.628E-01 47.11 4.466E-01 1.119E-03 4.357E 02 1.438E 03 1.362E 01 3. 2.5 9.665E-01 47.26 4.467E-01 2.803E-05 4.357E 02 1.438E 03 1.362E 01 0. 2.5 9.564E-01 47.27 4.468E-01 1.442E-04 4.339E 02 1.440E 03 1.362E 01 1. 2.5 9.594E-01 47.29 4.468E-01 1.442E-04 4.359E 02 1.440E 03 1.362E 01 4. 2.3 9.594E-01 47.29 4.468E-01 -9.721E-04 4.350E 02 1.444E 03 1.362E 01 -7. 2.5 9.591E-01 47.42 4.464E-01 -2.195E-03 4.360E 02 1.444E 03 1.361E 01 -2. 2.5 9.613E-01 47.42 4.464E-01 -9.235E-04 4.360E 02 1.445E 03 1.361E 01 -2.	88.900	7	-512	47.07	4.467E-01	-5.366E-04	3426	356		-1.636E-02
2.5 9.605E-01 47.10 4.467E-01 2.803E-05 4.337E 02 1.439E 03 1.362E 01 0. 2.5 9.595E-01 47.20 4.467E-01 1.492E-04 4.339E 02 1.439E 03 1.362E 01 1. 2.5 9.594E-01 47.29 4.468E-01 1.492E-04 4.339E 02 1.446E 03 1.362E 01 4. 2.9 9.591E-01 47.39 4.467E-01 -9.721E-04 4.363E 02 1.446E 03 1.362E 01 -7. 2.9 9.591E-01 47.38 4.464E-01 -2.195E-03 4.360E 02 1.445E 03 1.361E 01 -6. 2.5 9.591E-01 47.42 4.464E-01 -9.235E-04 4.360E 02 1.445E 03 1.361E 01 -6.	84.000	7	-9299	11.7	4.466E-01	1.119E-03	3076	34.		3.411E-02
1.9 9.555E-01 47.20 4.467E-01 4.799E-04 4.334E 02 1.439E 03 1.362E 01 1.456E-01 47.29 4.468E-01 1.442E-04 4.352E 02 1.441E 03 1.362E 01 4.259E-01 47.29 4.468E-01 -2.499E-03 4.363E 02 1.441E 03 1.362E 01 -7.29 6.619E-01 47.33 4.467E-01 -2.499E-03 4.363E 02 1.444E 03 1.361E 01 -7.29 6.591E-01 47.38 4.464E-01 -2.195E-03 4.360E 02 1.444E 03 1.361E 01 -6.235E-04 4.360E 02 1.445E 03 1.361E 01 -2.299E-03 4.360E 02 1.445E 03 1.361E 01 -2.299E-03 4.360E 02 1.445E 03 1.361E 01 -2.299E-04 4.360E 02 1.445E 03 1.361E 01 -2.29E-04 4.360E 02 1.445E 03 1.36	89.100	7	605E-	91.14	4.467E-01	2.803E-05	3576			
2.5 9.591E-01 47.52 9.464E-01 1.442E-04 4.359E 02 1.441E 03 1.362E 01 -2. 2.9 9.591E-01 47.33 4.464E-01 -2.499E-03 4.360E 02 1.444E 03 1.361E 01 -7. 2.9 9.591E-01 47.38 4.464E-01 -2.195E-03 4.350E 02 1.444E 03 1.361E 01 -6. 2.5 9.613E-01 47.42 4.464E-01 -9.235E-04 4.360E 02 1.445E 03 1.361E 01 -2.	89.200	- '	555E-	07.70	40	4° 799E-04		366	7	1.463E-02
2.5 9.618E-01 47.42 4.464E-01 -9.436E 02 1.445E 03 1.361E 01 -7.454E 01 -7.454E 03 1.361E 01 -7.454E 03 1.361E 01 -7.454E 03 1.361E 01	89.300	,	- 000	67.75	0	1.442E-04			7	
-300 1.9 9.619E-01 47.33 4.464E-01 -2.499E-03 4.364E 02 1.445E 03 1.361E 01 -7600 2.5 9.591E-01 47.42 4.464E-01 -9.235E-04 4.360E 02 1.445E 03 1.361E 01 -5.	89.400	,	- 2946	67.76	90				-	
.000 2.5 9.513E-01 47.42 4.464E-01 -9.235E-04 4.360E 02 1.445E 03 1.361E 01 -6.	85.500	1.9	-114	91.33	0	;	3636	35		
.700 2.5 9.613E-01 47.42 4.464E-01 -9.235E-04 4.360E 02 1.445E 03 1.361E 01 -2.	89.600	2.5	-3916-	41.36		5.19	3506	444E		
	85.700	5.5	-9119	47.42	\$	-23	360E	445E		

EXPERIPENTAL CATA

EXPERIMENTAL CAIR

RCOR	NO.	oscr.	TENSTON	LENGTH	LENGTH VELOCITY	ACCEL.	TENSICA	LENGTE	VELOCITY	ACCEL.
SEC	SEC	DEG	1.85	=	FT/SEC	F1/SEC/SEC	GRAP	5	CWISEC	CH/SEC/SEC
000.00	89.800	5.4	9.6146-01	47.46	4.464E-01	1.1506-03	4.361E 02	1.447E 03	1.360E 01	3.505E-02
000.00		5.7	9.2525-01	16.74	4.4675-01	2.987E-04	4.348E 02	1.448E 03	1.3615 01	9.105E-03
100-300		2.4	9.551E-01	47.59	4.467F-01	-3.514F-04	4.332F 02	1.4516 03	10 3196-1	-1.0715-02
00. 400		2.3		47.64	4.467E-01	1.258E-04			1.362E 01	3.834E-
000 200		1.5	_	47.69	468	-1.989E-04	4.350E 02	1.454E 03	1.362E 01	-6.063E-03
009.00		5.6	9.584E-01	47.74	4.468E-01	-1-624E-03	4.347E 02		1.362E 01	-4.951E-02
00. 100		2.0	NE -	47.79	4.467E-01	-2.734E-03	4.348E 02	1.457E 03	1.361E 01	-8.332E-02
00. 800		2.3	9.554E-01	47.83	4.465E-01	-2.242E-03			1.361E 01	6.834F
000.00		2.3	M Y	16.74	4.464E-01	-1.812E-04	4.339E 02			-5.522E-03
000-10		2.6	9.579E-01	41.94	4.464 E-01	7.567E-04			1.361E 01	2.307E-02
001-100		3.7	9.242E-01	16.00	10-300-4	7 37 05 04	4.330E 02	102E	1.361E 01	8.397E-03
200	91.000	2.5	10-374C-01	40.05	10-100-1	1.200E-04	4-3285 02	1.464E 03	1.3616 01	20-1817-7
004-10	91.200	1.0	9-40AF-01	48.10	4-466F-01	-1-11-6-04	4.358F 02		1.3616 01	-1.26 F-0
01.500	91.300	2.5	9-553E-01	48-15	9	2-769F-04	4.351F 02	989		8.439F
009.10	91.400	2.6	9.583E-01	48.18	4.466E-01	-1-157E-03	4.347E 02	59E	1.361E 01	-3.525E-02
01.100	91.500	5.5	9.578E-01	48.23	4.465E-01	-2.363E-03	4.344E 02	10E	1.361E 01	-7.203E-02
008-10	91.600	2.3	9.576E-01	48.26	4.464E-01	-1.996E-03	4.344E 02	1.471E 03	1.361E 01	-6.084E-02
01.900	91.700	1.8	9.585E-01	48.30	4.464 E-01	3.828E-04	4.348E 02	726	1.361E 01	1.167E-02
102.000	91.800	5.5	9.578E-01	48.35	4.465E-01	5.927E-04	4.344E 02		1.361E 01	1.806E-
02.200	92.000	200	9.568F-01	48.45	10-1004-4	1 8595-04	4 3406 02	1.4776 03	1.36.26 01	4 7515-03
05-300	92.100	2.4	9.567F-01	48.52	4-468F-01	-1-025F-04	4.1175 02	1.479F 03	1.3626 01	-3 125F-03
05.400	92.200	2.2	9.572E-01	48.56	4.468E-01	1.367E-04	4.342E 02	1.480E 03	1.362E 01	4 67E-03
102.500	92.300	2.4	9.606E-01	48.62	4.469E-01	-1.682E-04	4.357E 02		1.362E 01	-5.126E-03
105.600	92.400	9.2	9.606E-01	48.66	4.468E-01	-1.7396-03	4.357E 02		1.362E 01	-5.301E-0
05. 700	92.500	2.1	9.564E-01	48.70	4.466E-01	-2.355E-03	4.338E 02	1.485E 03	1.361E 01	-7.178E-02
05.800	92.600	2.3	9.564E-01	48.75	4.465E-01	-1.984E-03	4.338E 02		1.361E 01	-6.049E-0
105.900	92.700	2.3	9.631E-01	48.79	4.464E-01	4-1296-04	4.368E 02	1.487E 03	1.361E 01	1.25 PE-0
03.000	92.800	0.7	n.	48.84	4.404E-01	4.71.76-05	4.363E 02		1.361E 01	1.4381-0
001.60	006-76	2.0		48.89	4.465 E-01	2.4345-04	4-329E 02		1.361E 01	0-181-0
03-500	93.000	2.2	10-30-01	76.84	10-1000	1.354E-04	4.3546 02	1.4916 03	1.3616 01	9 120E-0
000	93.200	2.0		40.00	4.46.F-01	3.409E-04	4. 3476 02	1.4636 03	1 3416 01	1 1006
03-500	93.300	2.4	9.556F-01	40.05	4.466F-01	-9.810F-04	4.3346 02		1.3616 01	-2 -996F-02
03.600	93.400	2.1	36	60.69	4-467E-01	-2.315F-03	4-325F 02	4964	1.3616 01	-7.059E-0
03.700	93.500	2.5	9.576E-01	49.13	·	-2.500E-03	4.3446 02	1.4966 03	1.361E 01	-7.620E-0
103.800	93.600	2.1	-	49.18	4.464E-01	-1.648E-03	4.356E 02	1.4996 03	1.3616 01	-5.024E-02
03.900	93.700	2.3	-31	49.22	4.464E-01	1.2346-03		300E	1.361E 01	3.761E-Q
04.000	93.800	2.2	9.558E-01	49.27	4.467E-01	1.041E-03	4.335E 02	302E	1.361E 01	3.173E-02
04-100	93.900	2.4	9.561E-01	49.33	4.467E-01	6.009E-04	4.337E 02	1.504E 03	1.361£ 01	J.
04.200	94.000	2.3	9.582E-01	49.36	4.466E-01		4.346E 02	1.504E 03	1.3616 01	8.084E-03
04.300	94.100	7.7	¥ :	49.40	4.468E-01	-6.836E-06	4		1.362E 01	2.084
04.40	94.200	2.2	4	46.44	4.468E-01	-1.116E-03	4.326E 02	1.507E 03	1.3626 01	-3.400E-0
-									-	

EXPERIMENTAL CATA

					1															N										10 P. A. S.													- 80.076	
ACCEL.	CH/SEC/SEC	-5.282E-02	-6.338E-02	316	2-802E-	1.975F-02	BITE	2.050F	-7.230E-03	426	-4.5036-02	-7.972E-02	-0.572E-02	-1.1008-02	4.321E-02	6.376E-02	-7.188F-03	-8.063E-03	9.7936-04	-1.944E-02	-5.086F-02	-7.293E-02	-7-107E-02	20-324-02	7070670	-5.209F-04	2.550E-02	-1.917E-03	-4.048E-02	-1.3746-02	-7.659F-02	-0.203E-02	8.489F-02	4-9535-02	-1.108E-02	1.5635-03	-667F	m	-9769.	-988E-	156	95E-	2.823E-02	100
VELOCITY	CH/SEC	1.361E 01	1.3616 01	.360E					1.3616 01			1.361E 01	-	1.361E 01		-	_				1.361E 01		1.361E 01	10.360E 01	10 3196-1	1.3626 01	1-362E 01	1.362E 01	1.362E 01	1.362E 01	1.361E 01	10 300E 01	10 3096-1	1.361E 01	1.3616 01	1.3616 01	1.3616 01	1.361E 01	1.361E 01	1.361E 01	10 3096 .1	1.3616 01		1.3616 01
LENGIF	5	1.510£ 03	1.5116 03	512E	3916	3515	3715	518F	2015		1.5236 03	5246	525E	527E	1.528E 03	3526	33 CE	53.2E		34E	\$36E	336		3406	10 2416 03		SAGE	-	550E	3966	52E	3336	355	557E	SSEE	559E	SECE	562E	SESE	369E	567E		570E	1.9716 03
TENSICN	GRAP		347E		4.342E 02				RIBE		375E	-	_		-				-	4.347E 02	_			4.40ZE 0Z		4-275E 02	-	358	346		4.309E 02	-	_	-		136	326	1156	322	375		325E	3106	
ACCEL.	FT/SEC/SEC	_	N	-3-712E-04	9.194E-04	6-480E-04	-6-289E-05	-4-72 75-04	-2.372E-04		-1.477E-03	N	-2.812E-03	-3.609E-04	1.418E-03	2.092E-03	-2.358E-04	-2.646E-04	3.213E-05	-6.378E-04	-1.669E-03		-2.332E-03	8.9905-04	2076-01	-1-709E-05	8.367E-04	-6.289E-05	-1.328E-03	-2.419E-03	-2.513E-03	-2.0355-03	2.851F-04	1.625E-03	-3.637E-04	5.127E-05	-5.469E-04	-1-1486-03	-1.856E-03	-2.293E-03	-1.009E-03	-1.511E-04	9.263E-04	1.686E-03
VELOCITY	FT/SEC	4.465E-01	4		465	465	468	3		199	468	467	4.465E-01	464E-	1.	4.467E-01	L	!	4.467E-01	4.467E-01	4.466E-01	4.465E-01		4.4656-01	4.4665-01	4.467F-01	1	470	4.468E-01	468	465	4.4635-01		404	465E-	4.465E-01	4.466E-01	466E-	4	4.464E-01	4	404	۵.	4.465E-01
LENGTH	14	49.52	49.57		49.66	49.70	49.74	49.70	40.84	49.90	49.95	\$0.00	50.05	50.09	50.13	50.16	50.21	50.25	50.31	50.34	50.39	50.43	50.48	20.05	20.02	50.68	50.73	50.78	50.84	20.05	50.90	20.33	51.03	51.08	51.12	51.14	51.19	51.23	51.29	51.35	21.40	51.45	51.51	51.55
TENSION	1.65	9.627E-01	9.584E-01		9.572E-01	- 1			1	1	ī					T	ī		9.558E-01	9.584E-01		7	9.5895-01	10-3601		9.4256-01	9.5636-01		ī		1	10-3660-6	1	ī	ī	ī	9.550E-01	1	ī	1		1	9.502E-01	9.505E-01
ANG 1	DEG	2.0	2.5	2.4	1.9	2-2	2.3	2.2	2.5	-	2.3	2.3	2.3	2.3	2.1	2.3	1.9	2.4	6.1	2.3	5.6	2.2	1.2	***	***	2.3	2.1	2.4	5.4	2.1	2.3	1.7	2.0	1.8	1.7	2.3	5.4	2.0	2.3	2.1	2.2	5.4	2.2	2.0
TI WE	SEC	004.46	94.500	94.600	94.700	94.800	94.900	95.000	95.100	95.200	95.300	95.400	95.500	95.600	95.700	95.800	95.900	26.000	96.100	46.200	96.300	96.400	96.500	96-500	000	96 - 900	\$7.000	97.100	97.200	97.300	97.400	27.400	97.700	97.800	97.900	98.000	98.100	98.200	98.300	98.400	98.500	28.600		98.800
FINE	SEC	104.600		104.900	104.900	105.000	105.100	105.200	105.300	105.400	105.500	105.600	105.700		105.900	106.000	106.100	106.200	106.300	106.400	106.500	106.600	106. 700	106-800	000	107-100	107.200	107.300		101.500	107.600	107.700	107.900	108.000		108.200	108.300	108.400	108-500	108.600	108.100	108.800	108.900	109.000

EXPERIMENTAL CATA

1 1 1			TENETON I		VEI OF ITA	ACCEL.	TENATION	IFNCTA	VEIOCITY	ACCEL
TIME	TIPE	ANGLE	1016131	רבאפום						
SEC	SEC	DEG	188	1	F1/SEC	F1/SEC/SEC	GRAP	3	CN/SEC	CH/SEC/SEC
109.200		2.2	9.6 C6E-01	51.63	4.4346-01	-6.681E-02	4.357E 02	1.574E 03		
109.300	100	1.8	9.699E-01	51.70	4.312E-01	-1.6785-01	4.395E 02	1.576E 03	1.314€ 01	-5.116E OC
109.400		2.3	9.705E-01	51.77	4.100E-01	-2.411F-01		1.578E 03	1.250E 01	346€
109.500		2.6	9.587E-01	51.81	3.8591-01	-2.411E-01	3496	1.579E 03	-116E	364E
105.600		2.3	9.599E-01	51.87	3.623E-01	-2.436E-01		1.501E 03		-426E
109.100		2.0	9.700E-01	51.92	3.383E-01	-2.431E-01		1.583E 03	.031E	-409E
109.800		2.1	9.745E-01	86.16	3.152E-01	-2.377E-01	4.420E 02	1.584E 03		
109.900	99.	2.1	9.652E-01	52.03	2.929E-01	-2.355E-01		1.586E 03	.927E	
110.000		2.1	9.644E-01	52.05	2.704E-01	-2.359E-01		1.586E 03	.241E	.19 CE
110.100		2.1	9.6 79E-01	52.09	2-475E-01	-2.340E-01	30	1.588E 03		133E
110.200	-	2.1	9.736E-01	52.12	2.244E-01	-2.347E-01		1.585E 03	6.8416 00	.153€
110.300		2.2	9.728E-01	52.16	2.016E-01	-2.324E-01		1.59CE 03		_
110.400		2.2	9.654E-01	92-18	1.787E-01	-2.336E-01		1.590E 03	3644.	.120E
110.500		2.3	9.694E-01	52.21	1.555E-01	-2.354E-01	397E	1.5916 03		
110.600		2.2	9.735E-01	52.24	1.325E-01	-2.3255-01		592		
110- 700		2.1	9.766E-01	52.25	L	-2.350E-01		1.5936 03		-7.163E OC
110.800		2.0	9.746E-01	52.27		-2.317E-01		1.593E 03		_
110.900		2.1	9.717E-01	52.26	6.380E-02	-2.282E-01	4.4CBE 02	1.5936 03		
111.000		2.1	9.749E-01	\$2.28	4-110E-02	-2.257E-01		1.594E 03		3086
111.100		2.0	9.784E-01	\$2.29	2.019E-02	-2.010E-01		1.594E 03	6.1536-01	
111.200		2.0	9.674E-01	52.27	5.032E-03	-1.183E-01		1.593E 03	1.5346-01	-3.606E OC
111.300	•	2.1	9.591E-01	52.27	0	-4.164E-02		1.593E 03	-3000	-1.269E 0
111.400	•	2.0	9.650E-01	52.23		-1.243E-03		592E	-1.4186-01	-3.788E-02
111.500	•	2.1	9.732E-01	52.23	-3.817E-03	9.898E-03			-1.1636-01	3.0176-0
111.600	•	2.1	9.705E-01	52.21	-2.918E-03	7.504E-03	4.402E 02	1.591E 03	-8.894E-02	2.287E-01
111.700		2.0	9.621E-01	52.20	-2.326E-03	2.942E-03		_	-7.0896-02	8.966E-0
111.800		2.2	9.609E-01	52-25	-2.172E-03	-5.776E-04		592E	-6.621E-02	-1.7616-02
111.900		2.2	9.6606-01	52.21		-1.952E-03	4.382E 02	591E	-6.404E-02	-5.949E-0
112.000	•	2.1	9.691E-01	52.25	-2.040E-03	-1.014E-03		592E	-6.219E-02	30E
112.100	•	1.5	9.644E-01	22.25	-1.940E-03	-1.470E-03			-5.912E-02	-3081
112.200		2.2	9.6CBE-01	52.22	-1.922E-03	-1.267E-03	358E	592E	-5.857E-02	-3.863E-0
117.300		2.1	9.627E-01	52.22	-2.047E-03	-1-105E-03		_	-6.240F-02	-3.369E-0
112.400	0.0	2.2	9.667E-01	52.22	-2.012E-03	3		592E	-6.134E-02	•
112.500		2.0	9.677E-01	25.20	-2.253E-03	-		591E	-6.867E-02	-3.523E-0
112-600	•	2.2	9.630E-01	22.21	-2.346E-03	3			-7.150E-02	-3.496E-02
112. 700		2.2	9.629E-01	52.21	-2.244E-03	i.	367E		-6.839E-02	
112.800		2.0	9.661E-01	52.20	Z-146E-	-	3826	591E	-6.541E-02	-3.430E-0
112-900		2.1	9.674E-01	25.20	Z-237E-	-1.02 0E-03	3886	316	-0-8196-05	-3.127E-0
000.611	•	1.7	7.649E-01	22.19	Z-367E-	91.1		391E	-7.213E-02	-3.561E-0
113.100		7.7	7.022E-01	17.76	-2-1456-03	:.			20-336-07	
2000	•	7.7	10-2760-6	22.19	7.2316-		20 3416.0		-0-900E-0-	÷.
006-611	•	7.7	7.004E-01	25.20	:.	:		1.591E 03	-0.540E-02	-3.163E-0
113.400		7.7	9.651E-01	12.26	-1.5351-03	÷ .	3786	1.591E 03	-3.899E-02	-2.973E-0
000.611	0.0	1.7	10-3070-6	17.76	Z-017E-	50-300201	4.300E 06	10.591E 03	-0-134E-02	-3.075-0
113.000		7.7	7.617E-01	27.75	-7-060 F-04	•	1/4	50 37D0 T	-4-780E-D2	- 1 75 6 6-10
-								100745	100000	3//200

EXFERIMENTAL CATA

ACC EL.	CH/SEC/SEC			-3.5985-02		-3.423E-02			-3.269E-02	-3.615E-02	-3.686E-02	-3.859E-02	-3.034E-02	-3.2946-02	-2.902E-02	-3.175E-02	-2.871E-02	-2.917E-02	-3.096E-02				-3.457E-02	-3.4786-02			-3.188E-02	2.936	-2.923E-02				0.0						
VELOCITY	CP/SEC	-6.330E-02	-6.874E-02	-0-30/E-02	-6-623E-02	-6.443E-02	-6.451E-02	-6.800E-02	-6.338E-02	-6.375E-02	-6.586E-02	-6.2016-02	-5.920E-02	-6.839E-02	-6.401E-02	-6-391F-02	-6.715E-02	-6.795E-02	-6.539E-02	-6.663E-02	-6.754E-02	-6.941E-02	-6-887E-02	-6-841E-02	-7.2636-02	-6.889E-02	-6.506E-02	-6.508E-02	-6.569E-02	20.100	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2								
LENGTH	5	3765			1.5916 03											1.592E 03										916			1.5926 03			100							
TENSICK	GRAP		•372E	3696	3836	.376E	.372E				372E	.3736		4.369E 02							4.370E 02			4.3745 02					4.371E 02	1626									
ACCEL.	F1/SEC/SEC	-1.060E-03			-1-132F-03	-1.123F-03		-1.189E-03	-1.073E-03	-1.186E-03	-1.209E-03	-1.26 (E-03	-9.953E-04	-1.081E-03	-9-3226-04	-1.0426-03	-9.420E-04	-9.570E-04	-1.016E-03	-9.857E-04	-1.096E-03	-9.324E-04	-1.134E-03	-1-1415-03	-1.0306-03	-1.070E-03	-1.046E-03	*	-9.591E-04										
GTH VELOCITY	FT/SEC	2.0	-2.255E-03	-2.089E-03	-2.173F-03	-2.114F-03	-2.117E-03	-2.231E-03	-2.079E-03	-2.092E-03	-2.161E-03	-2.035E-03	-1.942E-03	-2.244E-03	-2.100E-03	-2.097F-03	-2.203E-03	-2.229E-03	-2.145E-03	-2.186E-03	-2.216E-03	-2.277E-03	-2.259E-03	-2.244E-03	-2.383E-03	-2.260E-03	-2.134E-03	-2.135E-03	-2.155E-03	50-3150-3									
LENGTH	F	52.23	52.22	52.26	52.21	52.20	52.22	52.22	52.20	52.21	52.21	52.21	52.22	22-25	27.75	52.23	52.22	52-22	52.21	52.20	52.21	52.21	12.26	52.20	52.19	52.20	52.21	52.22	52.22										
TENSION	1.05	9.647E-01	9.638E-01	10-3769-6	9-662F-01	5.648E-01	9.638E-01	9.6366-01	9.6436-01	9.646E-01	9.638E-01	9.642E-01	9.641E-01	9.63ZE-01	10-38E-01	9-624E-01	9.6316-01	9.6366-01	9.647E-01	9.641E-01	9.633E-01	9.650E-01	9.6436-01	9.644F-01	9-653E-01	9.652E-01	9.641E-01	9.637E-01	9.6366-01	10 395000									
OSCL.	DEG	2.2	2.0		2.1	2.2	2.1	2.0	2.5	2.1	2.1	2.1	2.1	7.7		2.2	2.2	2.2	2.3	2.1	2.2	2.1	2.0		2.1	2.1	2.1	2.2	2.3										
RUN		0.0	0.0		000	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		200	0.0	0.0	0.0	0.0	0.0	0.0				0.0	0.0	0.0	0.0	•									
RCOR	SEC	113.800	113.900	000	114.200	114.300	114.400	114.500	114.600	114.700	114.800	114.900	115.000	115-100	007-511	115.400	115.500	115.600	115.700	115.800	115.900	116.000	116.100	002-911	116-400	116.500	116.600	116.700	116.800										

EXPERIMENTAL CATA

7 E R S 6 1 1 1 7 6 0 0 0 1 1 1 4 0 € - 0 1 1 - 1 2 0 € - 0 1	ACCEL.	CN/SEC/SEC	-5.157E-02	-5.415E-02	-5.401E-02	-5.099E-02	-5.313E-02	-5.461E-02	-5.111E-02	-4-742F-02	-5.130E-02	-4.676E-02	-5.453E-02	-5.530F-02	-5.1286-02	-5.096E-02	-5.017E-02	-4-842E-02	7305-02	-5.240E-02	-5.024E-02	-5.101E-02	-5.167E-02	-5.028E-02	-4.844E-02	-5.296E-02	-5.051E-02	-5.180E-02	-4.384E-02	-4.553E-02
CATA FARAKETERS 10 = 61 NRFC = 117 NRFN = 6000 KV = 1.14 KA = 1.12	METRIC UNITS	CP/SEC	-1.212E-01	-1.288E-01	-1.323E-01	-1.295E-01	-1.266E-01	-1.277E-01	-1.285E-01	-1.271E-01	-1.203E-01	-1.280E-01	-1.261E-01	-1.2735-01	-1.223E-01	-1.263E-01	-1.223E-01	-1.214E-01	-1-245F-01	-1.214E-01	-1.193E-01	-1.241E-01	-1.259E-01	-1.248E-01	-1.234E-01	-1.273E-01	-1.252E-01	-1.2076-01	-1.208E-01	-1.1526-01
STATIC 0.0 0.0	LENGTH	ð	1.755E 03	1.755E 03	1.7556 03	1.7546 03	1.751E 03	1.7516 63	1.7516 03	1.7516 03		1.7516 03	1.7516 03	1.752E 03	1.7526 03	1.751E 03	1.7526 03	1.752E 03	1.7526 03		1.751E 03	1.752E 03	1.752E 03	1.752E 03	1.751E 03	1.751E 03	1.763E 03	1.78.26 03	1.7526 03	1.7526 63
	TENSICK	GRAP	4.420E 02		4.4196 02				4.4036 02			4.401E 02	4.468E 02	4.402E 02		4.4036 02		4.401E 02					3E				4.400E 02			
MODE MODE INCH	ACC EL.	FT/SEC/SEC	-1.692E-03	-1.177E-03	-1.772E-03	-1.6735-03	-1.7436-03	-1.7926-03	-1.6776-03	-1.5566-03	-1.6836-03	-1.5346-03	-1-7836-03	-1.6146-03	-1-682E-03	-1-6726-03	-1.6466-03	-1.5895-03	-1.552E-03	-1.7196-03	-1.648E-03	-1.673E-03	-1.695E-03	-1.650E-03	-1.589E-03	-1.7385-03	50-146-01	-1.6998-03	-1.438E-03	-1.494E-03
REEL-IN 0.25 0.50 0.50 0.25 117.00 55.10	ENGLISH UNITS	FT/SEC	-3.976E-03	-4.227E-03	-4.340E-03	-4.250E-03	-4.155E-03	-4-191E-03	-4.216E-03	-4-169E-03	-3.548E-03	-4-198E-03	-4.070F-03	-4.176E-03	-4.013E-03	-4.144E-03	-4.011E-03	-3.982E-03	-4.052E-03	-3.984E-03	-3.914E-03	-4.072E-03	-4.132E-03	-4.095 E-03	-4.049E-03	ED-3911-6-	-3.5796-03	-3.960E-03	-3.964E-03	-3.778E-03
	- ENGL	ī	57.59	57.57	57.57	57.53	57.45	57.45	57.45	57.44	57.44	57.43	57.65	57.47	57.48	57.46	57.47	57.48	57.47	57.46	57.46	57.47	57.47	57.47	57.45	57.44	87.47	87.48	57.48	57.49
F F PS	TENSTON	res	7	.13	9-7435-01	.72		2	9.707E-01	F	~	0	9-7175-01	7.0	.70	2		9. 70ZE-01		-		.11	2	9.768E-01	-		9.700E-01			U D
MINCH FARAFE CABLE FA CIRCTION ACCELERA VELOCITY CCELERA RUN TIME INITIAL FINAL LE	OSCL.	ANGLE	1.6	•	***	1.6	1.6	*:	•	1.6	1.5			1.1	1.6	1:1	:		1	1.1	1:1	1.6	5.	1:1	•	::		100	1.1	1.7
	5	SEC	0.0	0.0	0.0	0.0	0.0	0.0	000	0.0	0.0	0.0		0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0
	RCOR	SEC	0.0	0.100	0.300	0.400	0.500	0.600	0.00	0.00	1.000	1.100	1.300	1.400	1.500	1.600	1.700	0000	2.000	2.100	2.200	2.300	2.400	2.500	2.600	2.700	2-900	3.000	3.100	3.200

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EXPERIMENTAL CATA

NO.	OSCL.	TENSION	LENGTH	VELOCITY	ACCEL.	LENSICA	LENGTH	VELOCITY	ACCEL.
SEC	990	1.85	ī	FT/SEC	F1/SEC/SEC	GRAF	5	CP/SEC	CM/SEC/SEC
0.0 00+	1.6	9.695E-01	57.49	-3.806E-03	-1.537E-03	4.358E 02	1.752E C3	-1.160E-01	-4.686E-0
0.0	1.6	9.693E-01	57.49	-3.954 E-03	-1.556E-03	3576	1.7526 03	-1.205E-01	-4.742E-02
0.0	1:1	9.694E-01	57.50	-3.955 E-03	-1.500E-03			-1.205E-01	-4.571E-0
0.0	-:-	5.	57.48	-3.962E-03	-1.583E-03	4.403E 02		8	-4.826E-0
0.0	1.5	9.700E-01	57.48	-3.931E-03	-1.7485-03			-1.158E-01	-5.328E-02
0.0	1.6	9.708E-01	57.49	-3.979E-03	-1.474E-03	w		2	-4.492F-0
0.0	1.5	9.696E-01	57.47	-4.013E-03	-1.559E-03			-1.223E-01	-4° 751F-02
0.0	1.6	.712	57.46	-4.062E-03	-1.650E-03			-1.238E-01	-5.028E-0
0.0	1.5	.705E	57.47	-4.012E-03	-1.799E-03			-1.2236-01	-5.482E-02
0.0	9.1		57.46	-3.899E-03	-1.608E-03			-1.188E-01	-4.901E-0
0.0	1.6	-70	57.47	-4.019E-03	-1.719E-03			-1.225E-01	-5.240E-02
0.0	1.5	9.7136-01	57.48	-3.729E-03	-1.654E-03		1.752E 03	-1.137€-01	-5.040E-0
0.0	1.5	.70	57.48	-3.748E-03	-1.720E-03		32	-1.142E-01	-5.242F-0
0.0	1.7	69.	57.50	-3.647E-03	-1.684E-03			-1.112E-01	-5.132E-0
0.0	1.1	.69	57.49	-3.601 E-03	-1.4826-03		25	-1.058E-01	-4.517E-0
0.0	1.7	69.	57.50	-3.585E-03	-1.564E-03			-1.093E-01	-4.767E-0
0.0	1.8	.68	57.50	-3.546E-03	-1.5136-03		1991	-1.081E-01	-4.611E-02
0.0	1-1	.696	57.50	-3.587E-03	-1.4546-03			-1.093E-01	-4.432F-0
0.0	1.5	.689	57.50	-3.676E-03	-1.468E-03		177	-1.120E-01	-4.476E-02
0.0	1.6	.696	57.48	-3.715E-03	-1.620E-03			-1.132€-01	-4.938E-0
0.0	1.8	9.656E-01	57.49	-3.541E-03	-1.628E-03		1.752E 03	-1.079E-01	-4.963F-0
0.0	1:1	6690	57.51	-3.540E-03	-1.637E-03			-1.0796-01	-4.988F-0
0.0	1.6	. 20	57.50	-3.665E-03	-1.546E-03	4.400E 02		-1.1176-01	-4.733E-02
0.0	1.1	169.	57.49	-3.498E-03	-1.367E-03		1.752E 03	-1.066E-01	-4.167E-0
0.0	1.6	.69	57.47	-3.422E-03	-1.552E-03			-1.0436-01	-4.730E-02
0.0	1.6	0	57.47	-3.488E-03	-1.532E-03			-1.063E-01	-4.669E-02
0.0	1:1	669.	57.49	-3.499E-03	-1.597E-03			-1.067E-01	-4.867E-02
0.0	1.7	69.	57.48	-3.488E-03	-1.533E-03			-1.063E-01	-4.671E-0
0.0	1.6	9.692E-01	57.50	-3.629E-03	-1.430E-03		1.7536 03	8	-4.359E-02
0.0	1.8	.67	57.49	-3.3958-03	-1.3696-03			-1.0356-01	-4.171F-02
0.0	1.6	9.680E-01	57.48	-3.521E-03	-1.301E-03			-1.0736-01	-4.209E-02
0.0	1:8	.0	57.51	-3.500E-03	-1.461E-03			-1.067E-01	-4.453E-02
0.0	1.1	69.	57.52	-3.389E-03	-1.456E-03		36	-1.0336-01	-4.438F-02
0.0	1.1	69.	57.51	-3.398E-03	-1.352E-03		1.153E 03	980	-4.121E-02
0.0	1.1	-9969·	57.50	-3.443E-03	-1.512E-03		3	640	-4.609E-02
0.0	1.6	202	57.49	-3.361E-03	-1.539E-03		2E	-1.025E-01	-4.692E-02
0.0	1.1	.70	57.49	-3.240E-03	-1.409E-03			£74	-4.294E-02
0.0	1.8	59.	57.50	-3.347E-03	-1.5096-03		36	-1.020E-01	-4.598E-02
0.0	1.6	9.696E-01	57.50	-3.513E-03	-1.629E-03	4.358E 02	1.752E 03	-1.071E-01	-4.965E-02
0.0	1.8	69.	57.49	-3.512E-03	-1.450E-03			-1.0716-01	-4.419E-0
0.0	1.6	-9269°	57.49	-3.360E-03	-1.630E-03	366	3	7	-4.967E-0
0.0	1.6	9.704E-01	57.49	-3.409E-03	-1.650E-03	4.40 JE 02	1.752E 03	-1.0396-01	-5.030E-0
0.0	1.6	69.	57.48	-3.416E-03	-1.604E-03			-1.341E-01	-4.888E-02
0.0	1:1	9.689E-01	57.49	-3.361E-03	-1.474E-03	4.395E 02	1.752E 03	-1.025E-01	-4.492F-0
0.0	1.8	.67	57.50	-3.195E-03	-1.423E-03		1.7536 03	-9.739E-02	-4.336F-0
	Control of the last of the las								

EXPERIMENTAL DATA

	108	NO.	.1080	TENSTON	LENGTH	VELOCITY	ACCEL.	TENSICK	LENGTH	VELOCITY	ACCEL.
Colored Colo	SEC	SEC	DEG	185	11	FT/SEC	F1/SEC/SEC	GRAP	\$	CW/SEC	CM/SEC/SE
1.00 1.00	000	0.0	1.1	9.6846-01	57.52	-3.3791-03		393E	1.753€ 03	-030E	.834E
1.0 1.0	001	0.0	2.0	1	57.53	-3.286E-03	-	353E	1.7536 03	.002	.521E-
1.00 1.0 1.00 1	200	0.0	1.1	.1.	57.53	3,334	:		36	.016	280F
1.00 1.0 1.00 1	300	0.0	1.8		57.52	3.271	-		36	.970	398E-
1.00 1.0 1.00 1	400	0.0	1:1	1	57.51	3.318		7	36	110.	555F-
1.0 1.0	200	0.0	1.8	1	57.50	3.376		-	36	.030	-4.74 CE-C
1.0 0.000000000000000000000000000000	009	0.0	1.1	1	57.52	3.332	:		1.7538 63	.016	-4.290E-C
1.0 0.00 1.0 0.00 0.	100	0.0	9.1	1	57.51	-3.369E-03	:		36	.027	-5.084E-C
1.0 0.601E-01 37.50 -3.347E-03 4.346 02 1.1918 03 -1.000E-01 -4.718	900	0.0	1.1	1	57.52	-3.378E-03	:		36	.030	-5.194F-0
1.0 9.689E-01 57.50 -3.286E-03 -1.587E 02 1.793 03 -1.005E-01 -7.187E 02 -7.187E 02 -7.187E 02 -7.187E 02 -7.187E 03 -7.	900	0.0	1.6	1	57.50	-3.347E-03	-	395	36	.020	4.623E-
1.0 9.685E-01 57.51 -3.595E-03 -1.548E-03 1.1593 03 -1.0006E-01 -7.1596 04.0006E-01 -7.1596 05.0006E-01 -7.1596 05.0006E-0	000	0.0	1.8	1	57.50	-3.296E-03	:	0.00	36	.005	-4.715F-C
1.00 1.00	100	0.0	1:1	1	57.50	3.365		-	36	.026	-4.719E-
1.0 9.635-01 77.52 -1.1016-03 4.3926 02 1.7326 03 -1.4016-01 -5.3076-02 -1.5016-03 -1.3026 03 -1.5016-03 -1.3026 03 -1.5016-03 -1.3026 03 -1.5016-03 -1.3026 03 -1.5016-03 -1.3026 03 -1.5016-03 -1.3026 03 -1.5016-03 -1.3026 03 -1.5016-03 -1.3026 03 -1.5016-03 -1.3026 03 -1.5016-03 -1.3026 03 -1.5016-03 -1.3026 03 -1.5016-03 -1.3026 03 -1.5016-03 -1.3026 03 -1.5016-03 -1.3026 03 -1.5016-03 -1.3026 03 -1.5016-03 -1.3026 03 -1.5016-03 -1.3026 03 -1.5016-03 -1.5016	200	0.0	1.0	1	57.51	3.412	-1.451E-03	-	36	040	-4.421F-C
1.0 9.681E - 01 57.53 -3.100E - 03 -1.510E - 03 -1.510	300	0.0	1.8	1	57.52	3.414	-1.741E-03		36	-1.041E-01	5.307E-
1.0 1.0	004	0.0	1.8	1	57.53	3.180	-1.430E-03	-		-9.692E-02	4.359E-
1.8 9.474E-01 57.54 -3.226E-03 -1.994E-03 4.396E 02 1.744E 03 -9.437E-02 -3.596E-03 -1.994E-03 -	200	0.0	1.8	1	57.53	3.313	-1.510E-03		3.6	-1.010E-01	-4.603E-
1.0 9.00 1.7 9.00 1.8 9.00 1.8 9.00 1.8 9.00 1.8 9.00 1.8 9.00 9.00 1.8 9.00 9	009	0.0	1.8	1	57.54	-3.226E-03	:	200	·	-9.834E-02	-3.971E-
1.0 9.603E-01 57.54 -3.222E-03 -1.381E-03 4.392E 02 1.775E 03 -9.637E-02 -4.35E	100	0.0	1.1	1	57.53	-3.186E-03		-	w	-9.711E-02	6.567E
1.6 9.6.99E - 01 57.53 -3.182E - 03 -1.427E - 03 4.399E 02 1.754E 03 -9.637E - 02 -4.345E 03 -9.637E - 01 -4.437E 03 -9.637E - 02 -4.457E 03 -9.637E - 02 -4.457E - 03 -9.637E - 03 -9.637E - 03 -9.637E	800	0.0	1.9	1	57.54	-3.222E-03			4	-9.819E-02	-3602
1.6 9.64E-01 57.52 -3.26E-03 -1.455E-03 4.394E 02 1.755E 03 -9.62E-02 -4.456E-03 -1.405E-03 -1.405E-03 -1.405E-03 -1.405E-03 -1.405E-03 -1.405E-03 -1.455E 03 -9.62E-02 -4.455E-02 -1.455E 03 -9.62E-02 -4.455E-03 -1.405E-03 -1.405E-03 -1.455E 03 -9.62E-02 -4.455E-03 -1.405E-03 -1.405E-03 -1.455E 03 -9.62E-02 -4.455E-03 -1.405E-03 -1.405E-03 -1.405E-03 -1.455E 03 -9.62E-02 -4.455E-03	900	0.0	1.8	1	57.53	-3.1626-03	-1.427E-03	-	¥	-9.637E-02	-4.348E-(
0.0 1.6 9.667E-01 57.51 -3.240E-03 -1.640E-03 4.394E 02 1.773E 03 -9.644E-02 -4.455E-02 0.0 0.0 1.6 9.647E-01 57.51 -3.191E-03 -1.345E 02 1.773E 03 -9.622E-02 -4.455E-02 0.0 0.0 1.6 9.647E-01 57.52 -3.401E-03 -1.441E-03 4.394E 02 1.773E 03 -9.722E-02 -4.455E-02 0.0 0.0 1.6 9.649E-01 57.52 -3.401E-03 -1.401E-03 4.394E 02 1.773E 03 -9.722E-02 -4.455E-02 0.0 0.0 1.8 9.649E-01 57.51 -3.152E-03 -1.401E-03 4.394E 02 1.773E 03 -9.501E-02 -4.455E-02 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	000	0.0	1.6		57.52	-3.286E-03	-1.455E-03	-		-1.0026-01	-4.434F-
0.0	100	0.0	1.6		57.51	-3.240E-03	-1.608E-03	-		-9.874E-02	-4.903F
0.0 1.6 9.697F-01 57.51 -3.191F-03 -1.432F-03 4.399F 02 1.759F 03 -9.726F-02 -4.455F-03 -4.399F 02 1.759F 03 -9.192F-02 -4.455F-03 -4.395F 02 1.759F 03 -9.195F-02 -4.455F-03 -4.395F 02 1.759F 03 -9.195F-02 -4.402F-03 -4.395F 02 1.759F 03 -9.195F-02 -4.304F-02 -4.304F-03 -4.395F 02 1.759F 03 -9.726F-02 -4.304F-02 -4.304F-02 -4.304F-02 -4.304F-03 -1.404F-03	200	0.0	1.6		57.51	-3.157E-03	-1-463E-03	0.77		-9.622E-02	-4.459E-(
0.0	300	0.0	1.6	9.697E-01	57.51	-3.191E-03	-1.432E-03			-9.726E-02	-4.365F-
0.0	400	0.0	1.6	9.688E-01	57.52	-3.016E-03	-1.461F-03		36	-9.192E-02	-4.453F-
0.0 1.6 9.686E-01 57.50 -2.991E-03 -1.602E-03 4.395E 02 1.753E 03 -9.115E-02 -4.802E-01 0.0 0.0 1.8 9.684E-01 57.51 -3.152E-03 -1.607E-03 4.395E 02 1.753E 03 -9.607E-02 -4.994E-02 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	200	0.0	1.1	9.686E-01	57.52	-3.1436-03	-1.400E-03		36	-9.580E-02	-4.267E-
0.0 1.8 9.684E-01 57.51 -3.152E-03 -1.617E-03 4.395E 02 1.753E 03 -9.607E-02 -4.936E-02 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	900	0.0	1.6	9.690E-01	57.50	-2.991E-03	-1.602E-03		36	-9.115E-02	-4.882E-C
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0.0 1.0 9.605E-01 57.53 -3.152E-03 -1.371E-03 4.393E 02 1.754E 03 -9.607E-02 -4.170E-03 0.00 1.0 9.605E-01 57.52 -3.032E-03 -1.305E-03 1.365E 02 1.755E 03 -9.607E-02 -4.394E 02 1.755E 03 -9.605E-01 57.54 -2.920E-03 -1.405E-03 4.391E 02 1.754E 03 -9.606E-02 -4.301E-03 0.00 1.7 9.601E-01 57.55 -2.920E-03 -1.349E-03 4.391E 02 1.794E 03 -9.791E-02 -4.301E-02 0.00 1.7 9.601E-01 57.55 -2.904E-03 -1.349E-03 4.391E 02 1.794E 03 -9.791E-02 -4.406E-02 0.00 1.7 9.601E-01 57.59 -2.904E-03 -1.349E-03 4.391E 02 1.794E 03 -9.791E-02 -4.406E-03 0.00 1.7 9.601E-01 57.53 -2.904E-03 -1.445E-03 4.396E 02 1.794E 03 -9.791E-02 -4.406E-03 0.00 1.7 9.603E-01 57.53 -2.904E-03 -1.445E-03 4.396E 02 1.794E 03 -9.791E-02 -4.406E-03 0.00 1.7 9.603E-01 57.53 -2.904E-03 -1.445E-03 4.396E 02 1.794E 03 -9.904E-02 -4.406E-03 0.00 1.7 9.603E-01 57.53 -2.904E-03 -1.545E-03 4.396E 02 1.794E 03 -9.904E-02 -4.406E-03 0.00 1.7 9.603E-01 57.53 -2.904E-03 -1.506E-03 4.396E 02 1.794E 03 -9.904E-02 -4.406E-03 0.00 1.7 9.603E-01 57.53 -2.904E-03 -1.506E-03 4.396E 02 1.794E 03 -9.904E-02 -4.406E-03 0.00 1.7 9.603E-01 57.53 -2.904E-03 -1.506E-03 4.396E 02 1.794E 03 -9.904E-02 -4.406E-03 0.00 1.7 9.603E-01 57.53 -2.904E-03 -1.506E-03 4.396E 02 1.794E 03 -9.904E-02 -4.406E-03 0.00 1.7 9.603E-01 57.52 -2.904E-03 -1.506E-03 4.396E 02 1.794E 03 -9.504E-02 -4.406E-03 0.00 1.7 9.603E-01 57.52 -2.904E-03 -1.506E-03 4.394E 02 1.794E 03 -9.904E-02 -4.709E-03 0.00 1.7 9.603E-01 57.52 -2.904E-03 -1.506E-03 4.394E 02 1.794E 03 -9.504GE-02 -4.709E-03 0.00 1.7 9.603E-01 57.52 -2.904E-03 -1.506E-03 4.394E 02 1.794E 03 -9.904GE-02 -4.709E-03 0.00 1.7 9.603E-01 57.52 -2.904E-03 -1.506E-03 4.394E 02 1.794E 03 -9.904GE-02 -4.709E-03 0.00 1.7 9.603E-01 57.52 -2.904E-03 -1.506E-03 4.394E 02 1.794E 03 -9.904GE-02 -4.709E-03 0.00 1.7 9.706GE-03 0.000GE-03	900	0.0	1.1	9.687E-01	57.51	-3.066E-03	-1.505E-03	8	36	-9.344E-02	-4.588E-C
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0.0 2.0 9.606-01 57.54 -2.9206-03 -1.4118-03 4.391E 02 1.794E 03 -0.901E-02 -4.301E 02 1.774E 03 -0.901E-02 -4.301E 02 1.774E 03 -0.901E-02 -4.171E-03 0.0 1.0 9.601E-01 57.55 -2.801E-03 -1.1728-03 4.391E 02 1.754E 03 -0.701E-02 -4.101E-02 0.0 1.7 9.601E-01 57.53 -2.915E-03 -1.345E-03 4.391E 02 1.754E 03 -0.305E-02 -4.101E-02 0.0 1.7 9.603E-01 57.53 -2.915E-03 -1.475E-03 4.395E 02 1.754E 03 -9.371E-02 -4.405E-02 0.0 1.7 9.603E-01 57.53 -2.915E-03 -1.475E-03 4.395E 02 1.754E 03 -9.371E-02 -4.405E-02 0.0 1.7 9.603E-01 57.53 -2.934E-03 -1.462E-03 4.395E 02 1.754E 03 -9.937E-02 -4.405E-03 0.0 1.7 9.603E-01 57.53 -2.934E-03 -1.5603E-03 4.395E 02 1.754E 03 -9.943E-02 -4.405E-03 0.0 1.7 9.605E-01 57.53 -2.934E-03 -1.5603E-03 4.395E 02 1.754E 03 -9.591E-02 -4.405E-03 0.0 1.8 9.607E-01 57.51 -3.136E-03 -1.5603E-03 4.394E 02 1.753E 03 -9.591E-02 -4.709E-03 0.0 1.8 9.607E-01 57.52 -2.972E-03 4.394E 02 1.753E 03 -9.506C-02 -4.709E-03 0.0 1.8 9.607E-01 57.52 -2.972E-03 4.394E 02 1.753E 03 -9.007E-02 -4.709E-03 0.0 1.8 9.607E-01 57.52 -2.972E-03 4.394E 02 1.753E 03 -9.007E-02 -4.709E-03 0.0 1.8 9.607E-01 57.52 -2.972E-03 4.394E 02 1.753E 03 -9.007E-02 -4.709E-03 0.0 1.8 9.607E-01 57.52 -2.972E-03 -1.416E-03 4.394E 02 1.753E 03 -9.007E-02 -4.709E-03 0.0 1.8 9.607E-02 -4.709E-03 0.0 1.700E-03 0.0 1.7	200	0.0	1.6	9.674E-01	57.53	-3.013E-03	-1.405E-03	320		-9.183E-02	-4.282E-0
0.0 1.7 9.68E-01 57.55 -2.964E-03 -1.345E-03 4.391E 02 1.754E 03 -0.786E-02 -3.571E-03 0.00 1.0 9.686E-01 57.54 -2.964E-03 -1.172E-03 4.391E 02 1.754E 03 -0.386E-02 -3.571E-03 0.00 1.0 9.686E-01 57.53 -2.995E-03 4.392E 02 1.754E 03 -0.398E-02 -4.486E-00 0.00 1.7 9.685E-01 57.53 -2.996E-03 -1.459E-03 4.395E 02 1.754E 03 -9.378E-02 -4.486E-00 0.00 1.7 9.685E-01 57.52 -3.058E-03 -1.462E-03 4.397E 02 1.754E 03 -9.321E-02 -4.486E-00 0.00 1.7 9.685E-01 57.53 -2.996E-03 -1.567E-03 4.397E 02 1.754E 03 -9.997E-02 -4.489E-02 0.00 1.7 9.685E-01 57.51 -3.136E-03 -1.567E-03 4.394E 02 1.753E 03 -9.596E-02 -4.898E-02 0.00 1.8 9.686E-01 57.51 -3.136E-03 -1.565E-03 4.394E 02 1.753E 03 -9.596E-02 -4.781E-02 0.00 1.8 9.686E-01 57.51 -2.997E-03 -1.565E-03 4.394E 02 1.753E 03 -9.606E-02 -4.781E-03 0.00 1.8 9.686E-01 57.52 -2.972E-03 4.394E 02 1.753E 03 -9.606E-02 -4.781E-03 0.00 1.8 9.685E-01 57.52 -2.972E-03 4.394E 02 1.753E 03 -9.606E-02 -4.781E-03 0.00 1.8 9.685E-01 57.52 -2.972E-03 4.394E 02 1.753E 03 -9.606E-02 -4.781E-03 0.00 1.8 9.685E-01 57.52 -2.972E-03 4.394E 02 1.753E 03 -9.606E-02 -4.781E-03 0.00 1.8 9.685E-01 57.52 -2.972E-03 4.394E 02 1.753E 03 -9.606E-02 -4.781E-03 0.00 1.8 9.685E-01 57.52 -2.972E-03 4.394E 02 1.753E 03 -9.606E-02 -4.781E-03 0.00 1.8 9.685E-01 57.52 -2.972E-03 4.394E 02 1.753E 03 -9.606E-02 -4.781E-03 0.00 1.8 9.685E-01 57.52 -2.972E-03 4.394E 02 1.753E 03 -9.606E-02 -4.781E-03 0.00 1.8 9.685E-01 57.52 -2.972E-03 4.394E 02 1.753E 03 -9.606E-02 -4.781E-03 0.00 1.8 9.685E-01 57.52 -2.972E-03 4.394E 02 1.753E 03 -9.606E-03 -4.781E-03 0.00 1.781E-03 0.00 1.781E-0	300	0.0	2.0	9.680E-01	57.54	2.920	-1.4116-03	317		-8.901E-02	-4.301F-
0.0 1.0 9.606E-01 57.54 -2.964E-03 -1.172E-03 4.391E 02 1.754E 03 -9.035E-02 -3.571E- 0.0 1.7 9.604E-01 57.53 -2.915E-03 -1.345E-03 4.392E 02 1.754E 03 -9.316E-02 -4.101E- 0.0 1.7 9.694E-01 57.53 -2.946E-03 4.392E 02 1.754E 03 -9.394E-02 -4.406E- 0.0 1.7 9.695E-01 57.52 -3.056E-03 -1.442E-03 4.397E 02 1.754E 03 -9.31E-02 -4.406E- 0.0 1.7 9.685E-01 57.52 -2.934E-03 -1.567E-03 4.397E 02 1.754E 03 -9.545E-02 -4.599E-0 0.0 1.7 9.685E-01 57.51 -2.934E-03 -1.565E-03 4.393E 02 1.753E 03 -9.538E-02 -4.599E-0 0.0 1.8 9.686E-01 57.51 -2.972E-03 -1.565E-03 4.394E 02 1.753E 03 -9.546E-02 -4.709E-0 0.0 1.8 9.686E-01 57.52 -2.972E-03 -1.546E-03 4.394E 02 1.753E 03 -9.604E-02 -4.709E-0 0.0 1.8 9.686E-01 57.52 -2.972E-03 -1.546E-03 4.394E 02 1.753E 03 -9.604E-02 -4.709E-0	400	0.0	1.7	9.681E-01	57.55	2.881	-1.369E-03	255	-	-6.780F-02	-4.171E-
0.0 1.0 9.6846-01 57.53 -2.9156-03 -1.3456-03 4.3926 02 1.7536 03 -0.8866-02 -4.466-03 0.0 1.7 9.6816-01 57.53 -2.9466-03 -1.4726-03 4.3926 02 1.7536 03 -9.3786-02 -4.466-00 0.0 1.7 9.6836-01 57.53 -2.9466-03 -1.4426-03 4.3976 02 1.7546 03 -9.3786-02 -4.4666-00 0.0 1.7 9.6836-01 57.53 -2.9346-03 -1.45056-03 4.3976 02 1.7546 03 -9.5316-02 -4.4556-0 0.0 1.6 9.6807-01 57.51 -3.1366-03 -1.56076-03 4.3946 02 1.7536 03 -9.5366-02 -4.8366-02 -4	200	0.0	1.8	9.680E-01	57.54	2.964	-1.172E-03	100	_	-9.035E-02	-3.571E-C
0.0 1.7 9.691E-01 57.51 -3.077E-03 -1.459E-03 4.356E 02 1.753E 03 -9.379E-02 -4.448E-03 0.0 1.7 9.695E-01 57.53 -2.946E-03 -1.472E-03 4.392E 02 1.754E 03 -9.321E-02 -4.486E-03 0.0 1.7 9.695E-01 57.53 -2.934E-03 -1.505E-03 4.397E 02 1.754E 03 -9.321E-02 -4.980E-0 0.0 1.7 9.695E-01 57.51 -3.136E-03 -1.5695E-03 4.394E 02 1.754E 03 -9.5945E-02 -4.830E-0 0.0 1.6 9.667E-01 57.51 -3.136E-03 -1.567E-03 4.394E 02 1.753E 03 -9.596E-02 -4.830E-0 0.0 1.8 9.667E-01 57.52 -2.972E-03 -1.545E-03 4.394E 02 1.753E 03 -9.596E-02 -4.3791E-0 0.0 1.8 9.685E-01 57.52 -2.9472E-03 -1.416E-03 4.394E 02 1.753E 03 -9.606G-02 -4.3791E-0 0.0 1.8 9.685E-01 57.52 -2.9472E-03 -1.416E-03 4.394E 02 1.753E 03 -9.606G-02 -4.3791E-0 0.0 1.8 9.685E-01 57.52 -2.9472E-03 -1.416E-03 4.394E 02 1.753E 03 -9.606G-02 -4.3791E-0 0.0 1.8 9.685E-01 57.52 -2.9472E-03 4.394E 02 1.753E 03 -9.606G-02 -4.3791E-0 0.0 1.8 9.685E-01 57.52 -2.9472E-03 4.394E 02 1.753E 03 -9.606G-02 -4.3791E-0 0.0 1.8 9.685E-01 57.52 -2.9472E-03 4.394E 02 1.753E 03 -9.606G-02 -4.3791E-0 0.0 1.8 9.685E-01 57.52 -2.9472E-03 4.394E 02 1.753E 03 -9.606G-02 -4.3791E-0 0.0 1.8 9.685E-01 57.52 -2.9472E-03 4.394E 02 1.753E 03 -9.606G-02 -4.3791E-0 0.0 1.8 9.685E-01 57.52 -2.9472E-03 4.394E 02 1.753E 03 -9.606G-02 -4.3791E-0 0.0 1.8 9.685E-01 57.52 -2.9472E-03 4.394E 02 1.753E 03 -9.606G-02 -4.3791E-0 0.0 1.8 9.685E-01 57.52 -2.9472E-03 4.394E 02 1.753E 03 -9.606G-02 -4.3791E-0 0.0 1.8 9.685E-01 57.52 -2.9472E-03 4.394E 02 1.753E 03 -9.606G-02 -4.3791E-0 0.0 1.8 9.685E-01 57.52 -2.9472E-03 4.394E 02 1.753E 03 -9.606G-02 -4.3791E-0 0.0 1.8 9.685E-01 57.52 -2.9472E-03 4.394E 02 1.753E 03 -9.606G-02 -4.3791E-0 0.0 1.8 9.685E-01 57.52 -2.9472E-03 4.394E 02 1.753E 03 -9.606G-02 -4.3791E-0 0.0 1.8 9.685E-01 57.52 -2.9472E-03 4.394E 02 1.753E 03 -9.606G-02 -4.3794E 02 1.753E 03 -9.606G-03 4.3794E 02 1.753E 03 -9.606G-03 -9.4772E-03 4.394E 02 1.753E 03 -9.606G-03 -9.4772E-03	009	0.0	1.6	9.684E-01	57.53	2.915	-1.3456-03		-	-8.886E-02	-4.101F-
0.0 1.7 9.683E-01 57.53 -2.946E-03 -1.472E-03 4.392E 02 1.754E 03 -9.039E-02 -4.456E-03 0.0 1.5 9.694E-01 57.52 -3.056E-03 -1.4462E-03 4.397E 02 1.753E 03 -9.321E-02 -4.459E-00 0.0 1.7 9.683E-01 57.53 -2.934E-03 -1.503E-03 4.392E 02 1.754E 03 -9.533E-02 -4.533E-02 0.0 1.4 9.687E-01 57.51 -3.134E-03 -1.567E-03 4.393E 02 1.753E 03 -9.534E-02 -4.334E 02 0.0 1.753E 03 -9.534E-03 -1.5474E-03 4.394E 02 1.753E 03 -9.646E-02 -4.373E-00 0.0 1.8 9.686E-01 57.52 -2.972E-03 4.394E 02 1.753E 03 -9.0404E-02 -4.373E-00 0.0 1.8 9.685E-01 57.52 -2.972E-03 4.394E 02 1.753E 03 -9.0407E-02 -4.373E-00 0.0 1.8 9.685E-01 57.52 -2.972E-03 -1.414E-03 4.394E 02 1.753E 03 -9.0407E-02 -4.373E-0	100	0.0	1.7	9.691E-01	57.51	3.077	:			-9.378E-02	-4.46BE-
0.0 1.5 9.694E-01 57.52 -3.056E-03 -1.462E-03 4.397E 02 1.153E 03 -9.321E-02 -4.453E-0 0.0 1.7 9.663E-01 57.53 -2.934E-03 -1.505E-03 4.394E 02 1.754E 03 -8.943E-02 -4.506E-0 0.0 1.6 9.686E-01 57.51 -3.136E-03 -1.567E-03 4.394E 02 1.753E 03 -9.598E-02 -4.709E-0 0.0 1.8 9.686E-01 57.52 -2.972E-03 4.394E 02 1.753E 03 -9.060E-02 -4.701E-0 0.0 1.8 9.685E-01 57.52 -2.972E-03 4.394E 02 1.753E 03 -9.060E-02 -4.701E-0	800	0.0	1.7	9.683E-01	57.53	-2.966E-03	-	100		-9.039€-02	-4-486E-0
0.0 1.7 9.683E-01 57.53 -2.934E-03 -1.5605E-03 4.392E 02 1.754E 03 -0.943E-02 -4.506E-0 0.0 1.6 9.686E-01 57.51 -3.136E-03 -1.567E-03 4.393E 02 1.753E 03 -9.588E-02 -4.838E-0 0.0 1.9 9.686E-01 57.51 -2.929E-03 -1.545E-03 4.394E 02 1.753E 03 -9.060E-02 -4.709E-0 0.0 1.8 9.685F-01 57.52 -2.972E-03 4.394E 02 1.753E 03 -9.060E-02 -4.704E-0 0.0 1.8 9.685F-01 57.52 -2.986E-03 -1.418E-03 4.394E 02 1.753E 03 -9.1026-02 -4.703E-0	900	0.0	1.5	9.694E-01	57.52	3.058	-1.462E-03	27	36	-9.321E-02	-4.453E-C
0.0 1.6 9.687E-01 57.51 -3.136E-03 -1.587E-03 4.394E 02 1.753E 03 -9.598E-02 -4.838E-0 0.0 1.9 9.686E-01 57.51 -2.929E-03 -1.5845E-03 4.393E 02 1.753E 03 -9.586E-02 -4.709E-0 0.0 1.8 9.685F-01 57.52 -2.972E-03 4.394E 02 1.753E 03 -9.060E-02 -4.701E-0 0.0 1.8 9.685F-01 57.52 -2.986E-03 -1.418E-03 4.395 02 1.753E 03 -9.102E-02 -4.723E-0	000	0.0	1.7	9.683E-01	57.53	-2.934E-03	-1.505E-03		3	-8.943E-02	-4.586F-
0.0 1.9 9.686E-01 57.51 -2.929E-03 -1.545E-03 4.393E 02 1.753E 03 -8.526E-02 -4.709E- 0.0 1.8 9.687E-01 57.52 -2.972E-03 -1.56.2E-03 4.394E 02 1.753E 03 -9.060E-02 -4.701E- 0.0 1.8 9.685E-01 57.52 -2.906E-03 -1.416E-03 4.393E 02 1.753E 03 -9.102E-02 -4.323E-	100	0.0	1.6	9.687E-01	57.51	9	-1-587E-03	-	3	.558	-4.838E-0
0.0 1.8 9.687E-01 57.52 -2.972E-03 -1.562E-03 4.394E 02 1.753E 03 -9.060E-02 -4.	200	0.0	1.9	9.686E-01	57.51		-1.545E-03	-		-8.526E-02	109E-
0.0 1.8 9.685E-01 57.52 -2.986 F-03 -1.416E-03 4.393E 02 1.753E 03 -9.102E-02 -4.	300	0.0	1.8	9.687E-01	57.52	2	-1.562E-03	-	2	-9.060E-02	-4.761E-0
	400				1	•					١

EXPERIMENTAL DATA

			AEFOCIA	***************************************	LENSIER		VELOCITY	ACCEL.
LBS	S	F	FT/SEC	F1/SEC/SEC	GRAP	5	CP/SEC	CH/SEC/SEC
9.683E		57.54	-2.903E-03	-1.256E-03	4.392E 02	1.7546 03	-8.848E-02	-3.830E-02
9.676E	E-01	57.54	-2.939E-03	-1.3236-03	4.389E 02	1.7546 03	-8.958E-02	-4.034E-02
9.613E		\$7.54	-2.8836-03	-1.252E-03	-		-8.786E-02	-3.817E-02
9.682E	1	57.54	-3.028E-03	-2.030E-03			-9.230E-02	-6.186E-02
9.82E		57.51	-6.589E-03	-1.0068-01			-2.0CBE-01	-3.066E 00
1.010		57.66	-3.170E-02	-3.574E-01	0		-9.662E-01	
1.015	00	57.68	-7.1046-02	-4.142F-01			-2.165E 00	-1.263E 01
9.933E		57.65	-1.072E-01	-3.338E-01	4.506E 02		-3.267E 00	
9.749E	-01	\$1.64	-1.347E-01	-2.605E-01		27	-4-105E 00	-
9.809E	-01	51.65	-1.5736-01	-2.224E-01	449E		-4.75£ 00	-6.780E 00
1.004E		57.70	-1.780E-01	-2.110E-01	4.555E 02		-5.426E 00	-6.431E 00
1.019	00	57.67	-1.582E-01	-2.125E-01	4.623E 02		-6.040E 00	-6.476E 00
1.011E	00	57.64	-2.185E-01	-2.135E-01	587E		-6.661E 00	-6.508E 00
9.969E	-01	57.61	-2.392 E-01	-2.180E-01	522E		-7.290E 00	-6.645E 00
9.922E-	6	57.60	-2.601E-01	-2.1796-01			-7.528E 00	-6.643E 00
1.006F	00	57.57	-2.809E-01	-2.192E-01			-8.562E 00	-6.682E 00
1.022E	00	57.59	-3.011E-01	-2.187E-01			-9-176E 00	-6.666E 00
1.026F	00	57.56	-3.219E-01	-2.1736-01			-9.811E 00	-6.625E 00
	00	57.55	-3.428E-01	-2.1846-01		1.7546 03	-1.045E 01	-6.656F 00
	0	57.51	-3.641E-01	-2.187E-01			-1.110F 01	-6.667E 00
	00	57.49	-3.857E-01	-2,1336-01	5846		-1.176E 01	-6.502£ 00
	00	57.46	-4.066E-01	-2.1635-01		1.7516 03	-1.239E 01	-6.592E 00
	8	57.40	-4.273E-01	-2.033E-01			-1.302E 01	-6.195E 00
	00	57.34	-4.426E-01	-1.207E-01			-1.349E 01	-3.679E 00
	00	57.30	-4.489E-01	-3.720E-02	568E		-1.368E 01	-1.1346 00
	00	57.22	-4.497E-01	2.045E-03	4.572E 02		-1.3716 01	6.232E-02
1.025E	00	57.18	-4.486E-01	1.200E-02	4.648E 02		-1.367E 01	3.656F-01
1.038E	8	57.11	-4.474E-01	8-151E-03	***		-1.364£ 01	2.484E-01
1.037E	00	57.06	-4.468E-01	1.9768-03	702E	1.739E 03		6.022E-02
1.022E	8	57.01	-4.465E-01	-2.243E-03	4.637E 02	1.736E 03	-1.361E 01	-6.836E-02
1.009E	00	56.95	-4.465E-01	-3.389E-03			-1.361E 01	-1.0336-01
1.010E	8	56.95	-4.465E-01	-2.274E-03		1.735E 03	-1.361E 01	-6.930E-02
1.023E	00	56.88	-4.467E-01	-1.8398-03			-1.361E 01	-5.405E-02
1.027E	8	56.83	-4.467E-01	-1.157E-03			-1.361E 01	-3.525E-02
1.022E	00	26.80	-4.466E-01	-1.624E-03	4.636E 02	-	-1.361E 01	-4.951E-02
1.014E	00	56.76	-4.466E-01	-1.948E-03	4.558E 02		-1.3616 01	-5.936E-02
1.011E	00	56.71	-4.467E-01	-1.7896-03			-1.3616 01	-5.453E-02
1.015E	8	56.67	-4.468E-01	-1.333E-03	602E		-1.362E 01	-4.063E-02
1.022E		56.60	-4.467E-01	-9.810E-04			-1.361£ 01	-2.990E-02
1.01%		56.56	-4.466E-01	-1.526E-03			-1.3616 01	-4.651E-02
1.013E		56.54	-4.467E-01	-2.626E-03			-1.362E 01	-8.005E-02
1.009	00	56.48	-4.468E-01	-2.821E-03	4.578E 02	1.721E 03	-1.362E 01	-8.599E-02
1.01		56.45	-4.469E-01	-2.326E-03			-1.362E 01	-7.090E-02
1.018		56.38	-4.469E-01	-3.596E-04		1.718E 03		-1.096E-02
1.022E		56.34	-4.469E-01	-1.1996-03	4.634E 02	1.71.7E 03	-1.3628 01	-3.655E-02
		KA. 20	-4-447E-01	-2-170E-03	4216 0			-4.642E-02

EXPERIMENTAL DATA

RCOR	NOO	OSCL.	TENSIC	8	LENGTH	VELOCITY	ACCEL.	TENSICK	LENGTH	VELOCITY	ACCEL.
EC	SFC	DEG	185		FT	FT/SEC	FT/SEC/SEC	GRAP	t	CWISEC	CH/SEC/SEC
200	.200	1.6	1.0116	00	56.27	-4.468E-01	-1.609E-03	4.588E 02	115	-1.362E 01	-4-905E-0
7.300	.300	1.5	1.010F	00	56.22	468			1.7146 03	-	-
* 004	004.	1.6	1.012E	00	56.19	-4.467E-01	-			.362E	636F
009	.500	1:1	1.016E	00	56.14	194.	-1.643E-03		7116		-5.009E-02
009	009	1:1	1.015E	00	26.11	99	-1.619E-03		1.710E 03		-4.936E-0
4 002	.700	1.6	1.0146	00	56.07	-4.467E-01	-1.756E-03	4.599E 02	360L		-5.353E-0
800	. 800	1.6	1.010E	00	56.03	-4.468E-01	689.			362E	-36+
006	006-	1.6	1.014	00	85.58	-4.467E-01	-2.980E-04				-9.084E-0
8.000 5	0000	9.1	1.019	00	55.92	-4.467E-01	-1.364E-03	4.620E 02	1.704E 03		-37E-
100	001-	1.5	1.019	00	55.87		-2.301E-03			3616	-7.013E-0
200	9.200	9.1	1.014	00	55.83	-4.467E-01	-1.224E-03			.362E	-3.732E-0
8.300 5	.300	1.5	1.011	00	55.78	-4.467E-01	-3.069E-04		. 700E	362E	-9.355E-0
000	004-9	1.6	1.010E	00	55.74	-4.467E-01	168	4.582E 02	3559	3626	-5.763E-0
8.500 5	.500	1.6	1.014F	00	55.69	-4.467E-01	-1.455E-03		1.658E 03	-1.361E 01	-4.434E-0
009	009-	1.6	1.021	00	55.64	-4.467E-01	-2.4196-03		9959	-1.362E 01	-7.374E-0
5	.700	1.6	1.020E	00	55.60	-4.467E-01	-2.389E-03		1.695E 03	3616	-7.282E-0
•	9.800	1.6	1.015E	00	55.55	-4.466E-01	-1.599E-03		653E	361E	-4-874E-0
5	006.9	1.6	1.0125	00	55.51	-4.467E-01	-1.055E-03		652E		-3.217E-0
9 000	000	1.6	1.013	00	55.48	-4.467E-01	-9.939E-04	594E	651E	.361E	-3.030E-02
Take	001-	1.5	1.016E	00	55.43	-3894	-1.749E-03		3059	.362E	-5.330F-0
9.200 6	002.9	1.6	1.015E	00	14.65	-4.466E-01	-4.245E-04	4.605E 02	1.685E 03	m	-1.294E-02
	6.300	1.6	1.013€	00	55.36	-4.465E-01	-1.395E-03		3189	3196.	-4.251E-0
	004-9	9:1	1.0115	00	55.32	-4.465E-01		388E			-5.499F-0
9 009	.500	9:1	1.0136	00	55.27	-4.465E-01				_	-2.644E-02
18 Ch	009.	1.6	1.018E	00	22.55	-4.465 E-01	-2.356E-03		36		-7.180F-0
9 002	. 100	1.6	1.021E	00	\$5.15	-3995		632E	919	_	-9.403E-02
3	.800	1.6	1.018E	00	55.14	-4.466E-01	-1.3286-03	620E		_	-4.04BF-0
19.900 6	006-	1.5	1.016E	00	55.08	-4.466E-01	-7.745E-04	3809			-2.361E-0
000	000-	1.6	1.0135	00	55.04	-4.465E-01	-6.426E-04			361€	-1.959E-0
001	.100	1.5	1.015E	00	84.99	165	-1.4946-03			3196	-4.553E-0
200	1.200	1.7	1.016E	00	24.94	-4.464E-01	3.4256-04		1.675€ 03	-1.361E 01	1.0446-02
300	1.300	1:3	1.017	00	24.90	-4.463E-01	-1.224E-03		37.1		-3.732F-0
000	2.400	1.6	1.015	00	54.87	-4.463E-01	_	340		-1.360E 01	100 TE
20.500	. 500	1.6	1.0136	00	54.83	-4.464E-01	-1.1665-03			-1.361E 01	555F
009	009-	1.6	1.012E	00	54.81	1.		306 €		-1.360E 01	-7.382E-02
100	.700	9.1	1.014	00	54.76	1	.537	9009	1.665E 03	-1.361E 01	134F
800	008-	1.1	1.0136	00	54.72	-4.464 E-01	-1.367E-03	195E	1.6666 03	-1.360E 01	-4.167E-02
006	006-	1.7	1.012E	00	24.68	-4.464E-01	-8.695E-04		6676 0	-1.3616 01	-BOE
000	000-	1.7	1.010€	00	54.64	-4.464E-01	565	77	0		-369
100	1.100	1.6	1.009E	00	54.61	-4.466 E-01	-1.3746-03	4.575E 02	0	-1.361E 01	-300
21.200	1.200	1.6	1.0116	00	54.53	.1.	2.598E-04	587E	662E 0		118
300	1.300	1.6	1.013E	00	54.48	-4.465E-01	-1.363E-03	556E	0	361	-4-155E-0
004	004-1	1.6	1.014E	00	54.45	-4.46 E-01	1.823	SCOE	GECE O	.361	-5.557E-02
500	1.500	1.1	1.013E	00	54.40	-4.465 E-01		594E	658E G	-	1
400				-			4				-
000	2000		1001	000	54.75	-4-467F-01	-2.947E-03	4.55CF 02	1.4575 03	-1 - 3616 01	-A.9A2F-0

EXPERIMENTAL DATA

S & C 8 8 9 9 9									
8.800	DEG	185	t	FT/SEC	F1/SEC/SEC	GRAP	5	CN/SEC	CM/SEC/SEC
	1.6	3910	54.25	-4.466E-01	-1.1076-03			-1.3616 01	-3.375E-02
8.900	1.6	1.015€ 00	54.20	-4.466E-01	9.89		1.652E 03	:	-3.015E-02
9.000	1.6		54.16	-4.466E-01	-1.646E-03			.361E	-5.017E-02
6.100	1.6		54.13	-4.467E-01	-4.929E-04			3196.	-1.502E-02
8.200	1.6		54.09	-4.464E-01	-6.781E-04			3196.	-2.067E-02
9.300	1.6		94.06	-4.465E-01	-1.359E-03		1.648E 03	319E.	-4.142E-02
6.400	1.1		54.03	-4.464E-01	-1.4936-03				-4.551E-02
6.500	1.6		53.99	-4.464E-01	-1.442E-03			3196.	-4.394E-02
009.6	1.1		53.96	-4.465E-01				319€	-6.939E-02
9.700	1.6		53.91	-4.466E-01	-1.440E-03	4.624E 02		3196	-4.300E-02
9.800	1.6		53.84	-4.466E-01	-7.916E-04		1.641E 03	.361E	-2.413E-02
9.900	1.6		53.79	-4.463E-01	-3.322E-04			-1.360E 01	-1.013E-02
10.000	1.7		53.76	-4.465E-01	-1.645E-03			361E	-5.013E-02
10.100	1.6		53.70	-4.465E-01	-4-177E-04			319€	-1.273E-02
10.200	1.7		53.67	-4.465E-01	-1.256E-03		396	361E	-3.830E-02
10.300	1.6		53.61	4	-1.587E-03			.361E	-4.836E-02
10.400	1.6	1.021E 00	53.57	465	-1.630E-03	.633€	36	361E	-4.969E-02
10.500	1.1		53.53		-1.697E-03		3	160E	-5.174E-02
10.600	1.1		53.49	-4.465E-01	2		36	1.361E	-8.999E-02
10.700	1.1		53.46	-4.465E-01	-1.390E-03	.628E		361E	-4.238E-02
10.800	1.8		53.43	-4.465E-01	-1.355E-03	-		161E	-4-130E-02
10.900	1.1		53.37	-4.464E-01	-7.998E-04		36	.361E	-2.438E-02
11.000	1.1		53.34	-4.464E-01	-3.309E-04			161E	-1.008E-02
11.100	1.7		53.29	19	-4.402E-04		w	319E.	-1.342E-02
11.200	1.6		53.25	-4.464E-01	-1.083E-03		-		-3.302E-02
11.300	1.6		53.22	-4.464E-01	-2.133E-03		3	3196	103F
11.400	1.7		53.15	-4.466E-01	-1.781E-03		550	361E	-5.430E-02
11.500	9.1		53.10	-4.466E-01	-2.032E-03			.361E	195F
11.600	1.1		53.06	\$	-1.302E-03			361E	-3.967E-02
11.700	1.6		53.00	-4.465E-01	-3.568E-04		615E	.361E	986E-
11.800	9.1	1.0186 00	52.96	-4.465E-01		4.618E 02		-1.361E 01	-5.788E-02
11.900	1.6		52.90	-4.465E-01	-1.252E-03				115F
12.000	1.7	1.020€ 00	52.86	-4.464 E-01	3.4185-06				A2F
12.100	1.7		52.80	-4.463E-01	-8.531E-04		3609°	-1.360E 01	₹000E
12.200	1:1		52.78	-4.462E-01			9639	-1.360E 01	-2.434E-02
12.300	1:2		52.75	-4.462E-01	-1.905E-03		96		-3708
			52.70	-4.461E-01	-2.164E-03		390	-1.360E 01	-6.595E-02
12.500	1:0		52.66	-4.463E-01	-2.034E-03		350		-6.201E-02
12.600	1.1		52.63	-4.462 E-01	-1.570E-03	4.624E 02	94C		-4.784E-02
12.700	1.1		52.59	-4.462 E-01	-8-189E-04		€03€		-2.496E-02
12.800		1.019€ 00	52.53	-4.464 E-01	-1.5536-03		401E		-4.734E-02
12.900	1.1		52.50	-4.464E-01	-1.481E-03		36	-1.3616 01	-4.513E-02
13.000	1.1		52.43	-4.463E-01	3.760E-05				1.166E-03
13.100	1.1		52.38	-4.463E-01	-1.641E-03	4.641E 02	-		-5.003E-02
13.200			\$2.34	-					-1-128F-02
200		1.0236 00	82.33	4436-01		3660	,	10 3000	20-3861-6-

EXPERIMENTAL DATA

		Teneson.		200000	AFFEL	TO STORE			
NO.	osct.	NOICH31	LENGIH	AEL OF LL	ALLELO	ICHOICH	LENGTH	VELOCITY	ACCEL.
1176	ANGLE								
SEC	990	188	1	F1/SEC	F1/SEC/SEC	GRAP	5	CH/SEC	CM/SEC/SEC
13.400	1.6	1.021E 00	52.27	-4.465E-01	-2.2186-03	4.630E 02	1.593E 03	-1.361E 01	7616
13.500	1.6	020E	52.21			.626E	1.591E 03	-	-3.573F-02
13.600	1.7		52.16	404	-1.735E-03	1	1.590E 03	361E	288E-
13.700	1.1	1.020€ 00	52.10	-4.463E-01	-8.388€-04	-	588E	.360E	-2.557E-02
13.800	1.7		52.07	-4.4636-01	-		1.5E7E 03	360E	
13.900	1.6	1.021E 00	52.04		-3.603E-04		-	360E	-
14.000	1.7	1.022E 00	52.00		2.488E-04		1.5esE 03	309E	584
14.100	1.6	1.0246 00	51.96	-4.461E-01	-9.666E-04		1.584E 03	360E	-2.946E-02
•	1.8		54.92		-9.980E-04		1.582E 03	360E	-3.042E-02
14.300	1.6	-	51.88	462	-1.817E-03		581E 0	360E	538F
14.400	1.1		51.84		-2.894E-03		580		-8.820E-02
14.500	1.1		51.79		-4.799E-04		578E 0	3616	-1.463E-02
14.600	1.1		51.72	494	-1.433E-03		577E C	3198	
14.700	1.1		51.67	-4.465E-01	-1.203E-03		575E 0	.361E	
14.800	1.7		51.64	-4.465E-01	-1.825E-03		1.5746 03	3616	-5.563E-02
14.900	1.1		51.59	-4.465E-01	-1.723E-04	6.70	572	361E	-5.251E-03
15.000	1.6		51.55	-4.464E-01	-2.297E-04		1.571 03	361E	-7.001E-03
15	1.7		51.49	-4.464E-01	-1.549E-03		1.565E 03	3196	2
200 15.200	1.7		51.45	-4.463E-01	-1.842F-03	200	1.568E 03	360E	513
15	1:1		51.41	-4.464E-01	-2.342E-03		1.567E 03	361E	-7.138E-02
15.400	1.7		51.37	-4.464E-01	-2.559E-03	4.628E 02	1.566E 03	3196	100
15.500	1:0	1.020E 00	51.32	-4.466E-01	-7.424E-04	4.627E 02	3	319E	63
15.600	1.0		51.30	-4.465E-01	-1.480E-03		1.564E 03	3191	-4.511E-02
15.700	1.0		51.25	-4.464E-01	-1.829E-03	3159°	295	377	
15.800	-		51.22	-4.466E-01	-1.3236-03	3449·	3	-1.361E 01	93
15.900	1.7		51.16	-4.464E-01	7.2126-04		20		
16.000	1.0		51.14	-4.464E-01	-1.0211-03	.64 1E	1.559E 03		=
	9:		51.08	-4.463E-01	-8.955E-04		57E 0	770	
16	1-1		21.02	-4.464E-01	-1.455E-03	.633€	1.555E 03	3016	130
	1:7		20.96	-4.463E-01	-1.908F-03	.627E	\$53E 0	-1.360E 01	-5.815E-02
400 16.400	1.6		\$0.93	-4.465E-01	-1.680E-03		8		171
16.500	•:-		50.89	-4.464 E-01			1.551E 03	-1.361E 01	7
009 19 009	1.6		50.85	-4.464E-01	-1.660E-03		•	3196	-5.059E-02
2	7-7		20.80	-4.464E-01	-2.241E-03	.637E	248		•
16.800	1.7		50.75		-1.5255-03	4.641E 02	1.547E 03	.361E	1849
16.900	2:1		50.71	-4.463E-01	-		246	360E	1.931E-
-	-		20.66	-4.463E-01	÷.		244	1-360E	100
100 17.100	1.6		20.62	-4.463E-01	-1.5656-03				5
11	1.1		50.59	-4.463E-01	-1.321E-03		2	-	026F
17.300	1.1		50.54	-4.464E-01	-2.627E-03		0		-8.007E-02
	1.8		16.06	1.	-1.6116-03		39		116
17.500	1.8		50.46	-4.463E-01	-3.972E-04	100	1.538E 03	-1.360£ 01	-1.211E-02
	1.1		50.45	-4.464E-01	5		33	360E	-5.524E-02
17.700	1.1	1.020E 00	50.38	-4.464E-01	-2.3696-03			-1.361E 01	.222
17.600	1.1		50.33	-4.465E-01	-5.920E-04	4.628E 02	1.534E 03	-1.361E 01	-1.804E-02

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EXPERIMENTAL DATA

•	1350	TENSION	LENGTH	VELOCITY	ACCEL.	TENSICA	LENGTH	VELOCITY	ACCEL.
SEC SEC	DEG	188	ŧ	FT/SEC	FT/SEC/SEC	GRAP	5	CH/SEC	CM/SEC/SEC
31.000 18.000	1.1	1.019E 00	50.24	-4.464E-01	-1.0996-03			-1.3616 01	-3.350£-02
-	-	1.020E 00	50-19	-4.464E-01	27				-6-178F-0
18.200	1:1	9	50.15	-4.464E-01	-1.5646-03	.625E		3196.	-5.986E-02
-	_	9	\$0.08	-4.465E-01	145	_			-6.538E-02
-	_	1.020€ 00	50.03	-4.465E-01	-1.0026-03		1.525E 03	-1.361E 01	-3.055E-02
	-	9	49.99	-4.463E-01	-1.668E-04				-5.0846-03
	-	E 0	49.46	-4.463E-01	-1.832E-03			-1.360E 01	-5.584E-02
	-	9	16.64	-4.463E-01	_			-1.360E 01	-4.834E-0
	-	1.021E 00	49.89		-3.883E-04			-1.360E 01	-1.183E-02
	-	9	49.84	-4.463E-01	-8.40 8E-04			-1-360E 01	-2.563E-0
		9	49.80		-9.857E-04				-3.005E-0
		9	49.76	-4.462 E-01	-1.939E-03			-1.360E 01	-5.909E-02
		0 3	49.72	-4.463E-01	-2.229E-03	_		360E	-6.793E-02
	1.1	1.010€ 00	49.67	-4.464E-01	-1.845E-03			361E	-5.624E-0
		1.020€ 00	49.62	-4.465E-01	-7.622E-04	w		-1.361£ 01	-2.323E-0
	-	0 3	49.57	-4.465E-01	-5.5176-04	-		3196	-1.661E-0
	1.1	0 3	49.54	-4.463E-01	-2.0136-03			360E	-6.136E-0
	-	0 3	49.49	-4.465E-01	-1.920E-03			-1.361E 01	-5.851E-0
	1.1	1.020E 00	49.44		-9.044E-04		3	•	-2.757E-02
	-	6 9	49.39	-4.463 E-01	-7.540E-04			-1.360£ 01	-2.298E-0
	-	0 3	49.35	-4.4636-01	-1.355E-03	w			-4-142E-0
	-	0	49.31	-4.463E-01	-1.917E-03			-1.3606 01	-5.842E-02
	-	0	49.27	10-3494.4-	-2.412E-03				-7.351E-0
	~		49.23	-4.464 E-01	-1.32 ¿E-03			1.3616	-4.030F-0
			49.21	10-3494-4-	-2.886E-04			-1.361E 01	-1.7946-0
	-		49.16	-4.463E-01	-			1.3606	-1.4736-02
	1 50	w	40.14	-4.464E-01	-2.203E-03		_		-6.715E-0
	-	w	49.09	-4.464E-01	-6.344E-04		SeE	-	934E-
20.800	1.7	1.021E 00	49.05	-4.464E-01			w .	1.3616	-3.017E-02
	-	<u> </u>	49.02	-4.463E-01	-2.974E-04		346		-9.0646-0
	-	1.0196 00	48.95	-4.464E-01	-1.042E-03			.360E	
		W	48.90	-4.463E-01	-1.276E-03			309€	1
	_	w	48.87	-4.463E-01	-2.203E-03			_	-6.715E-02
	-	w	48.82	-4.464E-01	1.029		986	39916	1366-
	-	w	48.79	-4.463E-01	0			.360E	798
	-	w	48.13	-4.463E-01	-1.292E-03			360€	938E-
	1.7	w	48.69	-4.463E-01	-2.482E-03			.360E	-366F-
	-	_	48.64	-4.464 E-01	-3.00 8E-04				1684
	-	w	48.59	-4.463E-01	-1.995E-03		3	309I	082F
	-	w	48.57	-4.463E-01	-6.256E-04			-1.360E 01	-1.919E-0
	-	w	48.52	-4.463E-01	-1.537E-03			_	684F
	-	¥	48.49	-4.463E-01	-1.837E-03	4.627E 02		-1.360E 01	-5.599E-02
	-	-	48.44	-4.464E-01	1:1		_	1.361	5.215E-
00 52.300	1.5	1.020E 00	48.40	-4.463E-01	-7.308E-04	4.6298 02	1.475€ 03	360€	2.227E
	-	w	48.36	-4-463F-01	1:1				AT KIRCANS
			,		ı		,	3000	303000

EXPERIMENTAL DATA

RCOR	TEME	ANGLE	1513101	LENGIA	********	ALLELO	. Custon	Lengin	11170731	
SEC	SEC	DEG	185	F	FT/SEC	F1/SEC/SEC	GRAP	5	CM/SEC	CM/SEC/SEC
95.600	22.600	1.7		48.27	-4.463E-01	-2.035E-03	4.634E 02	1.471E 03	-1.360E 01	-6.203E-
35.700	22.700	1.8	020E		464	-9.413E-04	627E	1.470€ 03	.361E	-2.869E-02
15.800	22.800	1.6	3810	48.19	-4.463E-01	-1.516E-03	919E	3695	360E	62 1F
15.900	22.900	1.7	017E	48.13	663	-7.752E-04	.613E		309E.	-2.363E-02
96.000	23.000	1.1		48.10	693	-1.034E-03		1.466E 03	.360E	-3.152E-02
16-100	23.100	1.1	1.022E 00	48.03	-4.464 E-01	-2.707E-03	94E9	464E	319E.	8.251E-
86.200	23.200	1.8		47.98	494	-1.209E-03	9049	462E	.361E	-3.686F
16.300	23.300	1.1		41.94	*	-8-688E-04	366	16 1E	361E	-2.648E-02
96.400	23.400	1.1		47.90	463	-1.362E-03	633E		.360E	1516-
16.500	23.500	1.1		47.87	464E	-1.440E-03		159E	.361E	388E-
96.600	23.600	1.8		47.83	463E-	-1.479E-03	629E	458E	.360E	509E
16.700	23.700	1.8		47.78	69	-1.040E-03	100	456E	360E	-3.169E-02
16.800	23.800	1.9		47.75	663	-1.167E-03	4.623E 02	455E	-360E	-3.557E-
006-91	23.900	1.8	38 E	47.70	663	-7-000E-04			360E	-2.136F
17.000	24.000	1.8		47.66	463	-1.170E-03		1.453E 03	360E	-3.565E-02
17.100	24.100	1.1	1.021E 00	47.61	9	-1.986E-03			360E	
17.200	24.200	1.8		47.56	3	-9.598F-04	4.639F 02		3141	-2.925E-02
37.300	24.300	1.1		47.51	3	-9.468E-04		1.448F 03	3616	-2.886F-02
17.400	24.400	1.6	020E	47.49	63	-1.4496-03	-	44.7E	360E	4176
17.500	24.500	1.1		47.43	-4.464E-01	-1.708E-03	4.633E 02	446E	360E	-5.205E-
37.600	24.600	1.7	1.021E 00	47.38	69	-5.469E-04	-	1.444E 03	360E	667E
37.700	24-700	1.7		47.32	19	-1.312E-03		44 2E	1.361E	4.000E
37.800	24.800	1.1		47.29	-4.464E-01	-1.7306-03	_			5.2
17.900	24.900	1.6	020E	47.24	693	-1.5836-03		40E	360E	-4.824E-02
000.81	25.000	1.0	1.021E 00	47.20	-4.463E-01	-1.666E-03		139E	.360E	-5.138F-02
88.100	25.100	1.1		47.16	-4.463E-01	-2.005E-03	_	376	-360E	-6.355E-
88.200	25.200	1.8		41.14	-4.463E-01	-4-108F-04	_		-1.360E 01	-1.252E-02
98.300	25.300	1.0		47.08	462	-1.016E-03		135E	309€	-3.096E-02
88.400	25.400	1.1		47.05	-4.462E-01	-1.421E-03		1.434E 03	360E	-4.330F-02
38.500	25.500	1.1		47.00	-4.463E-01	-1.073E-03				-3.269E-
38.600	25.600	1.1		46.95	-4.463E-01	-9.064E-04		316		-2.763E-02
98.700	25.700	1.6		16.91	-4.462E-01	-1.197E-03			360E	-3.648F-
88.800	25.800	1.8		46.86	-4.463F-01	-1.287E-03			360E	-3.923E-(
98.900	25.900	1.8		46.80	-4.463E-01	-5.995E-04		1.426E 03	-360E	-1.827E-(
39.000	26.000	1.1		46.77	-4.462E-01	-2.03 7E-03	35E		.360E	-6.209E-(
99.100	26.100	1.1		46.71	-4.464E-01	-1.4505-03	4.637E 02	24E	360E.	-4.419E-
39.200	26.200	1.1		46.68	-4.462E-01	-5.127E-05	4.637E 02		_	-1.563E-
39.300	26.300	1:1		46.62	-4.462E-01	-9.632E-04	4.630E 02		-1.360E 01	-2.936E-
39.400	26.400	1.0		46.58	-4.462E-01	-2.198E-03	4.624E 02	-	360E.	-6.699E-
39.500	26.500	1.8		46.53	-4.463E-01	-7.896E-04	4.615E 02			-2.407E-
99.60	26.600	1.6		46.50	-4.462E-01	-1.055E-03	4.618E 02		-1.360E 01	-3.217E-
39.700	26.700	1.6	020E	46.45	-4.463 E-01	-1.684E-03	4.625E 02	416E	-1.360E 01	-5.134E-
39.800	26.800	1.1		46.42	462	-2.074E-03		419E	-1.360E 01	-6.322E-
39.900	26.900	1.6	1.019E 00	46.37	162	-1.147E-03	4.620E 02	1.413E 03	-1.360E 01	-3.496E-02
000-09	27.000			76 77		. OCEC.				
	*****			100		-1.3226-03		3.5	-1 - 360E UL	7

EXPERIMENTAL DATA

•			NO ISHOL	2	LENGIN	VELUCITY	ACCEL.	TENSICA	LENGIN	VELOCITY	ALLEL.
SEC	SEC	990	543		:	FT/SEC	FT/SEC/SEC	GRAP	5	CM/SEC	CH/SEC/SEC
40.200 27	27.200	:	1.01%	00	46.26	-4.462E-01	1-155E-04	4.623E 02			3.521E-0
	.300	•:-	1.010E	00	46.21	-4.463 E-01	-9.481E-04	4.619E 02	1.409E 03	-1.360E 01	-2.890E-02
	.400		1.010	00	46.15		-2.057E-03				-6.270F-0
	. 500	:	1.017E	8	46.10	-4.463E-01	-1.463E-04				-4.459E-03
	009.	?	1.019	00	46.06	-4.462E-01	-1.333E-03				-4.063F-0
	.700	-:	1.021E	8	10.94	-4.462E-01	-7.0556-04			-1.360E 01	-2.150E-02
	. 800		1.021E	8	45.58	-4.462E-01	-1.449E-03				-4.417F-02
	006.		1.020	8	45.53	-4.463E-01	-1.021E-03	4.626E 02		-1.360E 01	-3.113E-02
	000	6:1	1.020E	00	45.88	-4.463E-01	-2.028E-03			-1.360E 01	-6.180E-02
	.100		1.021E	00	45.84	-4.463E-01	-1.011E-03				-3.082E-02
	.200	•:-	1.021E	00	45.79	-4.463E-01	-1.036E-03	4.633E 02		-1.360E 01	-3.157E-0
	.300	1:1	1.020€	00	45.75	-4.463E-01	-1.668E-03			309E	-5.084E-02
	.400	1:0	1.018	00	45.72	-4.462E-01	-1.766E-03			360E	-5.384E-0
	. 500	-:-	1.0196	00	45.67	-4.463E-01	5.469E-05			-1.360E 01	1.667E-0
	009.	•••	1.022E	00	45.63	-4.461E-01	-1.492E-03	4.634E 02	1.391E 03	-1.360E 01	-4.546E-0
	.700	1.0	1.023€	00	45.58	-4.462E-01	-1.275E-03			309E	-3.886E-02
	. 800	1:0	1.021E	00	45.54		-1.800E-03		386	309E	-5.486F-0
	.900	1.1	1.020€	00	45.49		-9.174E-04			360E	-2.796F-02
42.000 29.	.000	1.6	1.020E	00	45.45	-4.464E-01	-1.5836-03		15E	361E	-4.826E-02
	.100	1:1	1.021E	00	45.39	-4.464 E-01	-6.070E-04			361E	-1.850E-0
	.200	1:1	1.020E	00	45.35	-4.463E-01	-7.670E-04			3091	-2.338E-02
	.300	1.1	1.020€	00	45.30	-4.463E-01	-2.399E-03				-7.313E-0
	.400	1.1	1.020€	00	45.25	-4.464 E-01	-1.581E-03				-4.819E-0
	.500	1:1	1.022E	00	45.19	-4.464E-01	-4.320E-04		378E		-1.317E-02
	009	1:1	1.023E	00	45.14	-4.464E-01	-1.863E-03				-5.680E-0
	.700	1.7	1.023€	00	45.11	-4.464E-01	-1.489E-03				-4.538F-0
	. 800	1.6	1.022E	00	45.07	-4.465E-01	-2.012E-03				-6.134E-0
	006.	1.1	1.020€	00	45.03	-4.464E-01	-1.2976-03	4.629E.02			-3.953E-0
	000	1.8	1.019	00	45.00	-4.464E-01	-6.458E-04			-1.3616 01	-2.029F-0
43.100 30.	30.100	1.8	1.0196	00	44.56	-4.463E-01	-8.189E-04	4.623E 02			-2.496E-02
	• 500	1.8	1.018	00	44.91		-4.396E-04		1.369E 03		-1.340F-0
	.300	1.6	1.018	00			-8.832E-04				-2.692F-0
	004-	1:1	1.019	00	44.82	-4.461E-01	-3.151E-04			360E	-9.605F-0
	.500	1.9	1.020E	00	44.77	-4.462E-01	-1.125E-03		1.365£ 03	-1.360E 01	-3.430F-0
.600 30.	009*	1.1	1.022E	00	44.72		-1.558E-03				-4.749E-0
	.700	1.8	1.023€	00	14.67	-4.463E-01	-2.116E-03				-6.44SE-0
.800 30.	.800	1:1	1.023	00	44.64	-4.463E-01	-2.283E-03				-6.959E-0
	006	1.7	1.022E	00	44.59	-4.464 E-01	-1.875E-03		1.355E 03	-1.361E 01	-5.715E-0
000	000	1.1	1.0216	00	44.54	+94.	-1.071E-03			-1.361E 01	-3.265E-0
100	.100	9.1	1.020E	00	44.49	-4.463E-01	-6.474E-04			-1.360E 01	-1.973E-0
	.200	1.8	1.021E	00	**.**	-4.463E-01	-8.251E-04				-2.515F-0
300		1.7	1.021	00	44.39		-1.992E-03		1.3536 03	-1.360E 01	-6.072E-02
16 004		1.8	1.021E	00	44.35	-4.462E-01	-4.642E-04			-1.360E 01	-1.415E-02
14.500 31	.500	1.1	1.022E	00	44.32	-4.462E-01	-1.283E-03			-1.360E 01	-3.91 1E-02
		1.1	1.0226	000	44 30	14.16.01					
			111001	3	44.60	•	-1 . 4 4 3 5 - 0 3	4.0346 02		-1.360E 01	-3.734E-0

EXPERIMENTAL DATA

SEC	4110	ANCIE	TENSTON	LENGTH	VELOC ITY	ACCEL.	TENSICN	LENGTH	VELOCITY	ACCEL.
	SFC	DEG	1.85	ī	FT/SEC	FT/SEC/SEC	GRAP	5	CM/SEC	CM/SEC/SEC
. 800		1.8	20E	44.20	-4.464E-01	-2.505E-03	4.627E 02	0	319E	.!.
44.900		1.9	1.019E 00	44.17	+94.	1.02		1.34EE 03	361	4
12.000		1:1	1 BE	44.12	-4.463E-01	-8.3196-04		0	309E.	336
45.100	32.100	1.8	186	44.07	-4.464E-01	.27	196	1.343E 03	:	.1.
45.200		1.1	20E		-4.462 E-01	-1.040E-03	. 627E	0	309€	591
45.300		1.1	22E		-4.463E-01	-1.732E-03	.634E	0	309€ -1	278
45.400	35.400	1.6	20E	43.93	-4.463E-01	-3.787E-04		1.339E 03	1.360E	-1.154E-02
45.500		1.1	216		7	-9.311E-04	.633E		1.360€	938E-
45.600		1.1	N		-4.462E-01	2	•634€	0	.360E	-2.775E-02
45.700		1.1	.022E	43.78	-4.463E-01	-1.630E-03	.634E	1.334E 03		-4.967E-02
45.800	32.800	1.1	20E	43.74	4	. 2	.627E	0	.361	363
45.900		1.6	18E		L	-8.682E-04		1.332E 03	3196.	-2.646E-02
16.000		1.8	175		-4.463E-01	-3.541E-04	.612E	0	309E	-1.079E-02
100	33.100	1.1	1.019E 00	43.61	-4.461E-01	•	.620E	1.329E 03	.360E	-2.769E-02
10.200		1.9	20E	43.59	-4.462E-01	-1.301E-03	.626E	1.329E 03	.360E	-3.965E-02
46.300		1:1	116	43.54	-4.462E-01	-1.544E-03	.629E	1.327E 03	.360E	
.400		1.8	1.020E 00	43.50	-4.462E-01	-9.146E-04		1.326E 03	309E .	-2.788E-02
46.500		1.8	8E	43.47	-4.462E-01			1.325E 03	360E.	-2.967E-02
009		1.8	361	43.45	-4.462E-01	-1.788E-03		1.323E 03		-5.449E-
46. 700		1.6	90	43.37	.462	-1.696E-03		1.322E 03	360E	-5.169E-(
46.800		1.1	12	43.32	-4.4646-01	-2.993E-03		.320E		-9.122E-(
46.900	33.900	1.7		43.26	-4.465E-01		.6136	1.319E 03	.361E	-1.838E-02
47.000		1.8	96	43.22	-4.464E-01			.317E 0	.361E	-5.480E-C
100		9-1	8	43.17	-4.463E-01	0		1.3166 03	.360E	-3.18FE-02
-200		1.7	2		.462	-1.483E-03		1.2156 03		-4.521E-
17.300		9.		43.07	•	-5.544E-04		1.3136 03	1 . 360E	-1.690E-02
47.400			8E		-4.462E-01	-9.071E-04		1-311E 03	.360E	-2.765E-(
47.500		8.7	0	45.99	-4.462E-01			1.210E 03		-2.596F-
47.600		1.7	312	42.93	-4.462E-01	-2.088E-03		-	360E	
47.700		1.8	312	45.95	-4.462F-01	-2.293E-03		1.308E 03		990
. 800	34.800	1.8	1.0186 00	45.88	494.	-2.378E-03	6 18E	1.3C7E 03	361	-7.247E-02
1.300		6.1	SE	42.84		-5. 400E-05		0	1.3616	9
48.000			36	42.80		-3.794E-04		1.305E 03	.360E	-1.156E-02
48.100		1.6	36	42.11		-1.070E-03	9690	1.3046 03	309E	L
48.200	35.200	1.8	16	42.71	-4.462E-01	-1.392E-03	. 631E	1.302E 03	-1.360E 01	-4.244E-02
9		1.8	90	42.67	-4.462E-01			1.301E 03	-1.360E 01	-1.9196-
48.400		1.8	381	42.62	.463	20		1.299€ 03		-4.592E-(
48.500		1.0	361	42.57	-4.463 E-01	-6.829E-04		0	-1.360E 01	-2.082E-
3		1:1	90	42.53	-4.462E-01	8		1.296E 03	309E.	-3.7196-
48.700		1.1	90	42.49	463	-2.313E-03		1.255E 03	360E	-7.049E
48.800	35.	1.1		42.45	465	-2.436E-03	613E	1.254E 03	-1.361E 01	-7.424E-02
48.900		1.7	8E	42.38	-4.463 E-01	-3.903E-04	4.6198 02	1.292E 03	360E	-1.190E-02
49.000		1.8	36	42.35		-7.273E-04	4.623E 02	1.251E 03		2.217E-
49.100		1.8	36	42.30	.462	-1.657E-03	3049.		360E	
200		1.5	4	42.26	46.2		3169	1.288F 03	1 - 360F	
200		0.1	4	23.37	704.	10111111	31600			

EXPERIMENTAL DATA

				1																																					8
ACCEL. CM/SEC/SEC	-4.957E-02	-4.171F-02	-4.111F-02	-6.824E-02	-4.717E-02	1.304E-02	-1.290E-02	-4.034E-02	3.230E-03	-2.857E-02	-4.984E-02	-5.963E-02	-5.432E-02	-0-3645-02	1.6676-03	-1.8296-02	-5.113€-02	-9.168E-03	-4.217E-02	-4.763E-02	20-36-97-02	-6.332E-02	-4.342E-02	-9.314E-03	-2.552E-02	-2.688E-02	20-41/6-04	-3.867E-02		-6.034E-02	-4.576E-02	÷,	13.4136-02	1.504	-3.361E-02	-4.457E-02	-3.330E-02	-3.646E-02	5.959	-4.407E-02	
VELOCITY CM/SEC		1.360E	361E	1.3616	361E	1.360E	1.360€	3196	309E		309€	.360E	1.360E	3100	3416	1.360E	1.360E	360E	.360E	1.360E	3606	1.3616 01	361E 01	1.361E 01	E 01	.360E 01	10 3006 1	10 3006 1-	1.3606	1.360€		1.361	3406	1.360E	1.360E	-	1.360E	1.360E	1 -360E		1.360E
LENGTH	3865	2856	2846	282E		280E	278E	1.274E 03	.275E	3	136		269E	3636		. 26 SE				260E	2526	55E	254E	253E	251E	249E	3867	1-245F 03	244E	243E		241E	1.2386 03	237E					230E		-225€
TENSICH		4.625F 02		w		3919°	.628€	635E			.625E	.625E	4.625E 02		426F		.637E	.635E			4.624E 02				.635E			4-621F 02				.627E	4.6295 02	.6376	.633€	.622E	.6 18E	-620E	636E	4446	.629€
ACC EL. FT/SEC/SEC	-1-6265-03	-1-369F-03	-1.349E-03	-2.239E-03	-1.548E-03	4.279E-04	-4.231E-04	-1.323E-03	1.060E-04	-9.372E-04	-1.635E-03	-1.956E-03	-1.782E-03	-2.093E-03		0	-1.678E-03	-3.008E-04	:	~ .	-1.727E-03	2.077			-8-3746-04	-8-818E-04		-1-3636-03	1.410	980	:	-1.547E-03	-1.2516-04	5.1	-1.1035-03	-		-	-	-2.1026-03	
VELOCITY FT/SEC	-4-462F-01	463	494	494	-4.464E-01		-4.463E-01	-4.464E-01	-4.463E-01	-4.462E-01	-4.462 E-01	-4.462E-01	-4.463E-01	444	!	462E-	-4.463E-01	-4.463E-01	-4.461E-01	-4.462E-01	-4-4025-01	3	-4.464E-01	-4.464E-01	-4.463E-01	-4.463E-01	10-360-6-	-4-461F-01	462	461E-	w	-4.464E-01	1		-4.462E-01	-4.463E-01	494	-4.463E-01	-4.40ZE-01		4.462 E-
LENGTH	42.19	42.15	42.11	42.07	42.03	41.98	41.92	41.88	41.84	41.80	~	41.70	41.65	10-11		: :	41.45	41.45	41.37	41.34	41.25	41.17	41.14	41.09	41.05	40.99	26.00	40.86	40.82	40.78	40.73	40.71	40.62		40.52	40.47	40.44	40.40	40.35	40.25	40.20
TENSION LBS	9610.		-019E	-	w	w	-	w		1.020E 00		30Z0	020E	4 4	9610	020E	9220	022E	w !	9610	1.0216 00	024E	022E	021E	w	w .	<u>u</u> ,	1.0195 00	018E	020E	w	020E	0206	w	021E	8	-018E	W 1	9770	, u	020E
OSCL. ANGLE DEG	1.8	1.8	8.1	1.8	1.8	1.1	1.8	1.0	1.9	1:1	1.1	1:1				1.8	1.8	1.8	1.9			1.1	1.8	1.8	1.7	1.7		1.7	1.8	1.6	1.8			1.8	1.6	1.8	9:		:		17
TIME SEC	36.400	36.500	36.600	36.700	36.800	36.900	37.000	37.100	37.200	37.300	37.400	37.500	37.600	27.000	37.900	38.000	38.100	38.200	38.300	38.400	38.500	38.700	38.800	38.900	39.000	· .	39.200	39.400	39.500			39.800					40.400	•	•	•	40.900
RCOR TIME SEC	49.400		45.600	49.700	49.800	49.900	20.000	20.100	20.200	20.300	20.400	20.500	50.600	001.00	20.900	51.000	21.100	51.200	21.300	51.400	000016	51.700	51.800	006-1	25.000	52.100	007.75	52.400	52.500	52.600	95.700	52.800	53.000	53.100	53.200	53.300	53.400	53.500	53.600	53.800	

EXPERIMENTAL CATA

	0301	TENSION	LENGTH	VELOCITY	ACCEL.	LENSICA	LENGTH	VELGCITY	ACCEL.
SEC SEC	DEG	1.85	t	FT/SEC	F1/SEC/SEC	GRAP	5	CHISEC	CM/SEC/SEC
.000 41.000	-	20E	40.17	-4.464 E-01	-2.239E-03	4.627E 02	0		-6.826E-02
41	-	31	40.13	-4.464E-01	-1.777E-05		1.223E 03	.361E	-5.417E-04
54.200 41.200	-	18E	40.09	-4.463E-01	-7.273E-04		0	-1.360E 01	-2.217E-02
	-	16E	40.05	-4.46 LE-01	-1.209E-03		1.221E 03	360E.	1-3.686E-02
7	-	7	40.01		.848		0	-360E	-5.634E-02
54.500 41.500	-	38	39.68	-4.462E-01	-9.194E-04		1.218E 03	.360E	-2.802F-02
41	-	30	39.93		890		0	360E.	-3.255E-02
+	_	8	39.89		-8.825E-04	.620E	0	1.360E	-2.690E-02
14	_	39	39.84	19	-1.1635-03	.611E	0	. 360E	-3.546E-02
14	-	8E	39.17		-2.721E-04	617E	0	1.360£	-8-2936-03
000	-	100	39.74		-1.781E-03		0	360F	-5-428E-02
42	-	36	39.70		-3.425E-04		1.210E 03	360E	-1.044E-02
42	-	8E	39.64	-461E-		3619.	1.208E 03	1.360E	-5.330E-02
42	-	96	39.60	-4.461E-01		-618E	0		-4.126E-02
62	-	8	39.54	-4.461F-01	1.5	-620F	1.205F 03	3605	-4.836F-07
55.500 42.500	-		39.50	-4-461F-01		.623E	1.204F 03	360F	-5.157E-02
55.600 42.600	_	36	39.47	-4.461 F-01			1.203F 03	1.360F	
55.700 42.700	7	96	39.44				1.202E 03	1.359E	
900	1	75	39.40	-4.460E-01			1.2C1E 03	359E	-5-134E-02
55.900 42.900	-	9E	39.37	-4. 462E-01	-1.203E-03		1.200E 03	.360E	-3.667E-02
	1.9	1.015E 00	39.34	-4.461E-01	-1.058E-03	4.603E 02	1.199E 03		-3-2256-02
100 43.100	-	SE SE	39.31	-4.459E-01	-4.033E-04		0	.359€	-1.229E-02
56.200 43.200	-	96	39.30	-4.461E-01			1.198E 03	.360E	
•	-	8E	39.29	-4.461E-01	-1.587E-03		1.157E 03	-1.360E 01	-4.836E-02
•	-	3	39.27	-4.462E-01	-1.624E-03		0	360E	-4.949E-02
•	-	36	39.24	-4.463E-01	-2.546E-03		1.196E 03		-7.759E-02
56.600 43.600	-	36	39.21	-4.464E-01			1.195E 03	-1.361E 01	-1.652E-02
002	-	2E	39.16	-4.463E-01	-6.863E-04		1.194E 03	.360E	-2.092E-02
	-	S.	39.12	-4.463E-01	-1.277E-03		0	360€	-3.892E-02
56.900 43.900	-		39.06	-4.462E-01	-9.625E-04		1.191E 03		-
		9	39.05	-4.462E-01	-5.544E-04		0		-1.690E-02
57.100 44.100	-		38.97	-4.460E-01	-6.378E-04		•	388€	7446
	-	36	38.94	-4.460E-01	-1.049E-03		0	360E	1986-
	-	2E	38.90	-4.460E-01			0		603F
	_	36	38.85	-4.460E-01	-1.503E-03	w	1.184E 03		-4.500E-02
The same	-	4	38 . 83	-4.460E-01	-1.970E-03		0	-1.359E 01	-6.005E-02
205	-	1.024E 00	38.78	-4.460E-01	-6.651E-04		0	360E	-2.027E-02
	-	35	38.74	-4.460E-01	-1.406F-03		1.101E 03	-1.359E 01	-4.286E-02
000	-	SE.	38.70	-4.461E-01	-2.040E-03	4.648E 02	1.179E 03	309€	-6.217E-02
006	1	36	38.64	-4.461E-01	-1.434E-03		0	1.360	-4.371E-02
000	-	3	38.58	-4.460E-01	3.2136-05	4.639E 02	1.174E 03		9.7936-04
001	-	SE	38.54	-4.461E-01	-1.135E-03		0	360E	-3.461F-02
58.200 45.200	-	76	38.49	-4.460E-01	-7.390E-04	305	0	-360E	-2.252E-02
900	-	96	38.45	459E-	1.692		0	-1.359E 01	-5.1576-02
400 45.		5E	38.40	460E-	2.48	36	1.1706 03	359E	-7-568F-02
									-

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EXPERIMENTAL CATA

	ANGLE	NO I CHOI	LENGIA	451 707 114	ACCEL.	LENSTEN	renous		
SEC SEC	DEG	105	F	FT/SEC	F1/SEC/SEC	GRAP	5	CH/SEC	CM/SEC/SEC
-	-		38.29	-4.461E-01	-5.934E-04	4.662E 02	1.167E 03		-1.809E-02
	1.1	1.027E 00	38.26	-4.460E-01		.657E	1.164E 03	-	;
	-	024E	38.21	-4.461E-01	-1.993E-03	.647E	0	360E.	076E
58.900 45.900	1:1		38.17	-4.461E-01	-8.716E-04		1.1636 03	-1.360E 01	-2.657E-02
	-		38.13	-4.460E-01	-2.010E-04		0		-6-126E-03
	-		38.09	-4.460E-01	-8.750E-04	4.6646 02	61E 0	-1.359E 01	-2.667E-02
	-		38.04	-4.460E-01	-6.41 2E-04	1	0	1.359E	-1.954E-02
300 46.300	-		38.00	-4.4596-01	-1.061E-03		0	1.3596	-3.234E-02
46.	-		37.95		-2.303E-03		0	359E	-7.020E-02
	1.1		37.90	-4.460E-01	-1.256E-03		0	365E	-3.828E-02
009-94 0	-		37.86	-4.461E-01	8.135E-05		0 31	-1.360E 01	2-4795-03
	-		37.79	-4.460E-01	-1.636E-03	4.657E 02	1.152E 03		-4.986E-02
Ī			37.76	-4.461E-01	-1.884E-03		1.1516 03		-5.742E-02
			37.71	-4.461E-01	6-4776-05		1.1496 03		2.5846-03
			37.66	-4.461E-01	-5.537E-04	10	1.1486 03		-1.688E-02
100 47.100			37.61	-4.460E-01	-6.494E-04		999		-1.979E-02
			37.57	-4.459E-01	-1.931E-03		45E 0		-5.886F-02
			37.51	-4.459E-01			1.1436 03		-5.234E-02
	-		37.47	-4.460E-01	-2.509E-03		1.142E 03	-1.3596 01	-7.649E-02
	-		37.44	-4.460E-01	-1.2586-03		41E 0		-3.836E-02
	-		37.40	-4.460E-01	-3.726E-04	. 16	1.1406 03		-1.136F-02
100 47.700	1.1		37.36	-4.461E-01	-1.774E-03		1.135E 03	-	-5.407F-02
	-		37.32	-4.462E-01	-2.071E-03		0	360€	-6.313E-02
41.900	-		37.27	-4.461E-01	1.866E-04		36E 0	-	5.688E-03
61.000 48.000	-		37.24	-4.461E-01	-1.092E-03	3	9	-1.360€ 01	-3.332F-02
	1.6		37.19	-4.461E-01	-2.775E-04		136 0		-8.459E-03
*	-		37.13	-4.461E-01	-8-41 5E-04		1.132E 03	360E	-2.565E-02
•	-		37.08	4.461E-01	-2.125E-03		30E 0	.360E	-6.476E-02
61.400 48.400	-		37.04	-4.463E-01	-1.945E-03		1-125E 03		-5.928E-02
•	-		37.00		-1.074E-03		1.128E 03	.360E	-3.273E-02
•	_		36.95	-4.461E-01	-7.431E-04		1.126E 03	360E	-2.265E-02
•	-		36.91	-4.461E-01	-1.706E-03		0	70.	N
61.800 48.800	1.7		36.65	-4.461E-01	-1.963E-03	15-	"	.360E	-5.982E-02
•	-		36.82	-4.460E-01	30		22E 0		-1.834F-03
•	-		36.17	-4.459E-01	-8.463E-04		11	.359E	-2.579E-02
62.100 49.100	-		36.74	-4.460 F-01	11		0	.389€	-2.961F-02
•	-		36.70	-4.460E-01	-1.406E-03	38	0		-4.286E-02
•	-		36.64	-4.460E-01	5		1.1176 03	-1.3596 01	-5.192E-02
•	-	1.022E 00	36.61	-	m		1.116E 03		-2.842E-02
62.500 49.500	1.7		36.56	-4.458E-01	-6.788E-04		146 0	-1.359E 01	-2.069E-02
•	-		36.50	-4.461E-01	-1.646E-03	28	0	77.	-5.017F-02
•	-		36.46	-4.460E-01	-1.896E-03		1.1116 03		-5.780E-02
•	-		36.40	-4.461E-01	-9.044E-04		109	-	-2.757E-02
006-64 0	-	1.019€ 00	36.36	194	-1.675E-04	4.624E 02	80		-5.105E-03
•	-	3810	36.31	-4.459E-01	-4.92 9E-G4		107	-1-359F 01	-1-6036-03
							֡		3000

EXPERIMENTAL CATA

10 10 10 10 10 10 10 10	RCOR	TIME	ANGLE.	TENSION	LENGTH	VELOCITY	ALLEL.	IENSICA	LENGIN	VELUCITY	WILEL.
1.00 1.0	SEC	SEC	DEG	1.85	F1	FT/SEC	FT/SEC/SEC	GRAP	t	CH/SEC	CM/SEC/SEC
\$0.300	3.200	\$0.200	1.6	7	36.21		~	4.615E 02	4	-	7.628E
90,000 1.7 1.020 00 36.9 4.461E-01 1.1021E-03 4.622E 02 1.1010 02 -1.356 E	3.300	50.300	1.8	75	36.16	.463	-6.925E-04	4.613E 02			2.111E
90,000 1,7 1,020 0 36,09 4,60E-01 -1,18E-03 4,648 02 1,00E 03 -1,35E 01 1,00E 00 1,00E 00 36,01 4,64E-01 -1,35E-04 4,648 02 1,00E 03 -1,35E 01 1,00E 00 36,01 4,64E-01 -1,35E-04 4,64E 02 1,00E 03 -1,35E 01 1,00E 00 36,01 4,60E-01 -1,00E 02 1,00E 03 -1,35E 01 1,00E 00 36,01 4,60E-01 -1,00E 02 1,00E 03 -1,35E 01 1,00E 03 1,00E 00 36,01 4,60E-01 -1,00E 02 1,00E 03 -1,35E 01 1,00E 03 1,00E 00 36,01 4,60E-01 -1,00E 02 1,00E 02 1,00E 03 1	3.400	90.400	1.7	7	36.13	-4.461E-01	-1.022E-03	9E19			3.115E-
90.000	3.500	20.500	1.7	9	36.09	-4.460E-01	-1.181E-03				
90,000 1.9 1.0026 00 35.01 -4.4516-01 -2.7146-06 4.6216 02 1.0046 03 1-13066 01 1.3006 01 1.0046 00 35.93 -4.4506-01 -6.7336-06 4.6216 02 1.0046 03 1-13066 01 1.3006	3.600	20.600	1:1	¥	36.04	-4.462E-01	-2.1496-03			-1.360E 01	
90.000 1.0 1.010 0.0 35.97 -4.402 - 1.010 0.0 1.010 0.0 1-130 0.0 1.0 1.00 0.0 1.0 1.00 0.0 1.0 1.00 0.0 1.0 1	3.700	20.700	1.4	w	36.01	-4.461E-01	-2.714E-04			:	-8.272F-03
\$1,000 1.9 1.020 0 35.9 1.4400-01 -6.738-04 4.6228 02 1.0558 03 -1.3598 01 1.0100 1.9 1.0228 03 3.9 1.4400-01 -6.7528 02 1.0518 03 -1.3598 01 1.0100 1.9 1.0108 03 35.9 1.4400-01 -6.608 02 1.0528 02 1.0518 03 -1.3598 01 1.0108 03 35.7 1.4400-01 -6.608 02 1.0518 03 -1.3598 01 1.0108 03 35.7 1.4400-01 -6.608 02 1.0518 03 -1.3508 01 1.0108 03 35.7 1.4400-01 -6.608 02 1.0518 03 -1.3508 01 1.0108 03 35.7 1.4400-01 -6.608 02 1.0518 03 -1.3508 01 1.0108 03 35.7 1.4400-01 -6.608 02 1.0518 03 -1.3508 01 1.0108 03 35.7 1.4400-01 -6.608 02 1.0518 03 -1.3508 01 1.0108 03 35.7 1.4400-01 -6.608 02 1.0088 03 -1.3508 01 1.0108 03 35.2 1.4400-01 -6.609 02 1.0088 03 -1.3508 01 1.0108 03 35.3 1.4400-01 -6.609 02 1.0088 03 35.3 1.4400-01 -6.609 02 1.0088 03 35.3 1.4400-01 -6.609 02 1.0088 03 35.3 1.4400-01 -6.609 02 1.0088 03 35.3 1.4400-01 -6.609 02 1.0088 03 35.3 1.4400-01 -6.609 02 1.0088 03 35.3 1.4400-01 -6.609 02 1.0088 03 35.3 1.4400-01 -6.609 02 1.0088 03 1.0088 03 35.3 1.4400-01 -6.609 02 1.0088 03 35.3 1.4400-01 -6.600 02 1.0088 03	3.800	20.800	•:	w	35.97	-4.462E-01	-3.3636-04			-1.360E 01	-1.025E-02
1,000 1,9 1,020 0 35,89 -4,400 -0 -1,418 -0 -0 1,031 0 -0 1,031 0 -0 1,031 0 -0 1,031 0 -0 1,031 0 -0 1,031 0 -0 1,031 0 -0 1,031 0 -0 1,031 0 -0 -0 1,031 0 -0 -0 1,031 0 -0 -0 -0 -0 -0 -0 -0	3.900	20.900	2.0	w	35.93	-4.460E-01	-6.733E-04			-	-2.052E-02
91.200 1.5 1.019E 00 35.44 -4.459E ol. -1.139E ol. 1.139E ol. 1.139	4.000	91.000	1.9	9	35.89	-4.460E-01	-8.764E-04			-	-2.671F-02
91,300 1,9 1,0186 0 35,79 -4,451E-01 -5,605E-04 -4,606 0 1,1396 0 -1,396 0 91,300 1,9 1,0186 0 35,79 -4,441E-01 -5,605E-04 -4,606 0 1,1396 0 91,400 1,0 1,00 35,70 -4,42E-01 -1,31E-03 1,00 1,00 0 1,1366 0	4.100	51.100	1.5	36	35.84	-4.460E-01	-1.613E-03			-1.359E 01	-4.517E-02
\$1,300	4.200	51.200	1.9	35	35.79	-4.459E-01	-8.935E-04		M		-2.723E-02
\$1,000	4.30c	51.300	1:0	99	35.74	-4.461E-01	-5.605E-04				-1.709E-02
\$1,500	4.400	21.400	1.8	4	35.70	-4.462E-01	-8.183E-04			-1.360E 01	-2.494E-02
\$1,000 1.0 1.01E 0.0 35.61 -4.461E-01 -1.71E-03 4.63E 0.2 1.00EE 0.3 -1.30EE 0.5 1.00EE 0.5 1.00	4.500	21.500	1.8	*	35.67	-4.462E-01	-1.446F-03			-1.360E 01	-4.407E-02
91.700 1.0 1.01F 00 35.50 -4.463E-01 -1.614E 02 1.0164E 03 -1.366E 01 91.700 1.0 1.01F 00 35.50 -4.463E-01 -1.016E 02 1.016E 03 -1.366E 01 91.900 1.0 1.02E 00 35.43 -4.463E-01 -1.03E 02 1.016E 03 -1.366E 01 92.000 1.0 1.02E 00 35.43 -4.463E-01 -1.665E 02 1.03E 03 -1.366E 01 92.200 1.0 1.015E 00 35.30 -4.463E-01 -1.264E-03 4.602E 02 1.07E 03 -1.366E 01 92.200 1.5 1.015E 00 35.37 -4.462E-01 -1.264E-03 -4.627E 02 1.07E 03 -1.366E 01 92.200 1.6 1.015E 00 35.37 -4.462E-01 -1.364E-03 -4.61E 02 -1.364E 03 -1.364E 03 <th< td=""><td>4.600</td><td>21.600</td><td>1:0</td><td>4</td><td>35.61</td><td>-4.461E-01</td><td>-1.721E-03</td><td></td><td></td><td>-1.360E 01</td><td>-5.246E-02</td></th<>	4.600	21.600	1:0	4	35.61	-4.461E-01	-1.721E-03			-1.360E 01	-5.246E-02
\$1,800 1.6 1.018E 00 35.52 -4.463E-01 -3.15E-04 4.619E 02 1.638E 03 -1.360E	4.700	51.700	1.6	2	35.56	-4.463E-01	-1.894E-03			-1.360E 01	-5.774F-02
92.000 1.4 1.021E 00 35.45 -4.458E-01 -7.019E-03 4.637E 0 1.030E 0 -1.300E 0 92.000 1.0 1.022E 00 35.34 -4.462E-01 -2.466E-03 4.637E 0 1.076E 0 -1.300E 0 92.000 1.6 1.010E 00 35.34 -4.462E-01 -1.246E-03 4.637E 0 1.076E 0 -1.300E 0 92.200 1.6 1.010E 0 35.37 -4.462E-01 -1.246E-03 4.621E 0 1.076E 0 -1.300E 0 92.200 1.6 1.010E 0 35.37 -4.462E-01 -1.030E 0 1.076E 0 -1.300E 0 92.200 1.6 1.017E 0 35.37 -4.461E-01 -1.016E 0 1.076E 0 -1.300E 0 92.200 1.6 1.017E 0 35.37 -4.461E-01 -1.016E 0	4.800	21.800		w	35.52	-4.463E-01	-3.151E-04				-9.605E-03
95.000 1.8 1.0226 0.35.43 -4.461E-01 -1.484E-03 -4.6256 0.2 1.0306 0.3-306 0.3	4.900	21.900	1:4	w	35.45	-4.463E-01	-7.075E-04			-1.360E 01	-2.157E-02
\$2.200	2.000	25.000	1.8		35.43	-4.461E-01	-1.484E-03			-1.360E 01	-4.523E-02
\$2.200	2.100	\$2.100		-	35.38	-4.461E-01	-2.209E-03			-1.360E 01	-6.734E-02
\$2.300 1.5 1.010E 00 35.27 -4.462E-01 -7.464E-04 4.627E 02 1.076E 03 -1.360E 01 \$2.500 1.9 1.017E 00 35.23 -4.462E-01 -1.916E-03 4.627E 02 1.074E 03 -1.360E 01 \$2.500 1.9 1.017E 00 35.19 -4.462E-01 -1.916E-03 4.627E 02 1.074E 03 -1.360E 01 \$2.500 1.9 1.017E 00 35.19 -4.462E-01 -1.916E-03 4.627E 02 1.074E 03 -1.360E 01 \$2.500 1.9 1.017E 00 35.19 -4.461E-01 -1.916E-03 4.627E 02 1.076E 03 -1.360E 01 \$2.500 1.9 1.020E 00 35.19 -4.461E-01 -1.928E-04 4.627E 02 1.076E 03 -1.360E 01 \$2.500 1.9 1.020E 00 34.59 -4.461E-01 -1.276E-04 4.627E 02 1.076E 03 -1.360E 01 \$2.500 1.9 1.021E 00 34.59 -4.461E-01 -1.276E-04 4.627E 02 1.067E 03 -1.360E 01 \$2.500 1.9 1.021E 00 34.59 -4.461E-01 -1.276E-04 4.627E 02 1.067E 03 -1.360E 01 \$2.500 1.9 1.021E 00 34.59 -4.461E-01 -1.186E-03 4.627E 02 1.067E 03 -1.360E 01 \$2.500 1.9 1.021E 00 34.57 -4.461E-01 -1.186E-03 4.627E 02 1.067E 03 -1.360E 01 \$2.500 1.9 1.021E 00 34.71 -4.457E-01 -1.186E-03 4.627E 02 1.057E 03 -1.360E 01 \$2.500 1.0 1.010E 00 34.57 -4.461E-01 -1.276E-03 4.627E 02 1.057E 03 -1.360E 01 \$2.500 1.0 1.010E 00 34.57 -4.461E-01 -1.276E-03 4.627E 02 1.057E 03 -1.360E 01 \$2.500 1.0 1.010E 00 34.52 -4.461E-01 -4.617E-03 4.627E 02 1.057E 03 -1.360E 01 \$2.500 1.0 1.010E 00 34.52 -4.461E-01 -1.276E-03 4.627E 02 1.057E 03 -1.360E 01 \$2.500 1.0 1.010E 00 34.52 -4.461E-01 -1.276E-03 4.627E 02 1.057E 03 -1.360E 01 \$2.500 1.0 1.010E 00 34.52 -4.461E-01 -1.276E-03 4.627E 02 1.057E 03 -1.360E 01 \$2.500 1.0 1.010E 00 34.52 -4.461E-01 -1.352E-03 4.627E 02 1.057E 03 -1.360E 01 \$2.500 1.0 1.0 1.0 1.0	2.200	\$2.200		w	35.35	462E	-1.246E-03			-1.360E 01	-3.796E-02
\$2.500 1.8	5.300	52.300	5.7	3	35.30	-4.462E-01	-7.684E-04			•	-2.342F-02
\$2.000	2.400	25.400	-	8	35.27	-4.462E-01	-8.866E-04			-1.360E 01	-2.702E-02
\$2.900	2.500	22.500	:	*	35.23	-4.46ZE-01	-1.981E-03			-1.360E 01	-6.038E-02
\$2.800	2000	000-76		2)	32-13	10-3704-4-	-8-3/25-04			10 3006 1-	-2.013E-04
\$5.900	200	22.000	:	2 6	32.14	10-3604-6-	1 6396-04			10 300E 01	-3.6000-0-
\$3.000 1.8 1.0166 00 34.96 -4.461E-01 -7.21E-03 4.6286 02 1.0666 03 -1.3596 01 53.200 1.8 1.0166 00 34.97 -4.460E-01 -9.215E-04 4.6126 02 1.0646 03 -1.3596 01 53.200 1.8 1.0166 00 34.97 -4.460E-01 -9.215E-04 4.6126 02 1.0646 03 -1.3596 01 53.200 1.8 1.022E 00 34.94 -4.460E-01 -1.184E-03 4.632E 02 1.0646 03 -1.3596 01 53.300 1.8 1.022E 00 34.91 -4.460E-01 -1.184E-03 4.632E 02 1.064E 03 -1.3596 01 53.300 1.8 1.022E 00 34.91 -4.459E-01 -2.328E-03 4.632E 02 1.064E 03 -1.359E 01 53.500 1.9 1.022E 00 34.67 -4.461E-01 -1.210E-03 4.629E 02 1.058E 03 -1.359E 01 53.300 1.8 1.022E 00 34.67 -4.461E-01 -1.210E-03 4.629E 02 1.059E 03 -1.350E 01 54.000 1.8 1.019E 00 34.52 -4.462E-01 -4.047E-04 4.629E 02 1.055E 03 -1.360E 01 54.000 1.8 1.019E 00 34.52 -4.461E-01 -1.186E-03 4.623E 02 1.055E 03 -1.360E 01 54.300 1.8 1.022E 00 34.52 -4.461E-01 -1.186E-03 4.623E 02 1.055E 03 -1.360E 01 54.300 1.8 1.022E 00 34.52 -4.461E-01 -1.186E-03 4.623E 02 1.055E 03 -1.360E 01 54.300 1.8 1.022E 00 34.52 -4.461E-01 -1.186E-03 4.623E 02 1.055E 03 -1.360E 01 54.300 1.9 1.022E 00 34.52 -4.461E-01 -1.185E-03 4.623E 02 1.055E 03 -1.360E 01 54.500 1.9 1.022E 00 34.52 -4.461E-01 -1.185E-03 4.623E 02 1.055E 03 -1.360E 01 54.500 1.9 1.022E 00 34.52 -4.461E-01 -1.185E-03 4.623E 02 1.055E 03 -1.360E 01 54.500 1.9 1.022E 00 34.52 -4.461E-01 -1.185E-03 4.623E 02 1.055E 03 -1.360E 01 54.500 1.9 1.022E 00 34.52 -4.461E-01 -1.185E-03 4.623E 02 1.054E 03 -1.360E 01 54.500 1.9 1.022E 00 34.52 -4.461E-01 -1.185E-03 4.623E 02 1.054E 03 -1.360E 01 54.500 1.9 1.022E 00 34.52 -4.461E-01 -1.185E-03 4.623E 02 1.054E 03 -1.360E 01 54.500 1.9 1.022E 03 -1.360E 01 54.500 1.9 1.022E 03 -1.360E 01 54.500 1.9 1.022E 03 -1.360E 01 54.500E 01	2000	22.800		2 4	35.10	10-3104-4-	*0-3876-T-			10 3006-1-	20.00
\$3.200	200	22.700		300	37.03	10-2104-4-	10-3010-			10 3006 1	-2.9735-02
\$3.200	30	23.100		3 9	34.30	10-104.4	-0-2156-04				-3.67.25-0
\$3.300	200	63.200		36	34.00	10-10-1	-7.8416-04			: .	2 3005
\$3.400	4.300	23.300			34.45	-4-460E-01	-1-1845-03		1,19		13 400E-0
\$3.500	9.400	53.400	-		34.81	-4.461E-01	-1.1196-03				-3.4116-0
53.600 1.9 1.018E 00 34.71 -4.459E-01 -1.37E-03 4.619E 02 1.058E 03 -1.359E 01 53.700 1.6 1.021E 00 34.67 -4.461E-01 -4.047E-04 4.629E 02 1.055E 03 -1.360E 01 53.900 1.6 1.019E 00 34.64 -4.461E-01 -4.037E 02 1.055E 03 -1.360E 01 54.000 1.6 1.019E 00 34.52 -4.462E-01 -1.916E 02 1.055E 03 -1.360E 01 54.100 1.6 1.019E 00 34.52 -4.462E-01 -1.116E-03 4.616E 02 1.056E 03 -1.360E 01 54.200 1.6 1.019E 00 34.43 -4.461E-01 -1.116E-03 4.624E 02 1.051E 03 -1.360E 01 54.200 1.6 1.021E 00 34.42 -4.461E-01 -1.1362E-03	6.500	53.500	1.6	×	34.75	-4.459E-01	-2.328E-03				-7.097E-0
53.700 1.0 1.021E 00 34.67 -4.461E-01 -1.210E-03 4.629E 02 1.051E 03 -1.360E 01 53.900 1.0 1.019E 00 34.64 -4.461E-01 -4.047E-04 4.623E 02 1.055E 03 -1.360E 01 54.000 1.0 1.019E 00 34.66 -4.462E-01 -1.916E 02 1.055E 03 -1.360E 01 54.100 1.6 1.019E 00 34.52 -4.462E-01 -6.159E-04 4.616E 02 1.052E 03 -1.360E 01 54.200 1.6 1.019E 00 34.46 -4.461E-01 -1.116E-03 4.624E 02 1.052E 03 -1.360E 01 54.200 1.6 1.022E 00 34.42 -4.461E-01 -1.142E-03 4.624E 02 1.054E 03 -1.360E 01 54.500 1.7 1.022E 00 34.22 -4.461E-01	009.9	53.600	1.9	w	34.71	-4. 459E-01	-1.7376-03			-1.359E 01	-5.294E-02
\$3.800 1.6 1.021E 00 34.64 -4.461E-01 -4.047E-04 4.629E 02 1.036E 03 -1.360E 01 59.900 1.8 1.019E 00 34.60 -4.461E-01 -8.914E-04 4.623E 02 1.035E 03 -1.360E 01 54.00 1.8 1.019E 00 34.55 -4.462E-01 -1.361E-03 4.616E 02 1.032E 03 -1.360E 01 54.200 1.8 1.019E 00 34.52 -4.462E-01 -6.159E-04 4.608E 02 1.052E 03 -1.360E 01 54.300 1.8 1.021E 00 34.48 -4.461E-01 -1.116E-03 4.621E 02 1.051E 03 -1.360E 01 54.300 1.7 1.020E 00 34.42 -4.461E-01 -1.132E-03 4.621E 02 1.048E 03 -1.360E 01 54.500 1.7 1.020E 00 34.32 -4.463E-01 -1.352E-03 4.623E 02 1.048E 03 -1.360E 01 54.600 1.8 1.021E 00 34.27 -4.463E-01 -1.352E-03 4.633E 02 1.048E 03 -1.360E 01 54.600 1.8 1.021E 00 34.27 -4.463E-01 -1.3640E-03 4.633E 02 1.044E 03 -1.360E 01 54.600 1.8 1.021E 00 34.27 -4.463E-01 -1.640E-03 4.633E 02 1.044E 03 -1.360E 01 54.600 1.8 1.021E 00 34.27 -4.463E-01 -1.640E-03 4.633E 02 1.044E 03 -1.360E 01 54.600 1.8 1.021E 00 34.27 -4.463E-01 -1.640E-03 4.633E 02 1.044E 03 -1.360E 01 54.600 1.8 1.021E 00 34.27 -4.463E-01 -1.640E-03 4.633E 02 1.044E 03 -1.360E 01 54.600 1.8 1.021E 00 34.27 -4.463E-01 -1.640E-03 4.633E 02 1.044E 03 -1.360E 01 54.600 1.8 1.021E 00 34.27 -4.463E-01 -1.640E-03 4.633E 02 1.044E 03 -1.360E 01 54.600 1.8 1.021E 00 34.27 -4.463E-01 -1.640E-03 4.633E 02 1.044E 03 -1.360E 01 54.600 1.8 1.021E 00 34.27 -4.463E-01 -1.640E-03 4.633E 02 1.044E 03 -1.360E 01 54.600 1.8 1.021E 00 34.27 -4.463E-01 -1.640E-03 4.633E 02 1.044E 03 -1.360E 01 54.600 1.8 1.021E 00 34.27 -4.463E-01 -1.640E-03 4.633E 02 1.044E 03 -1.360E 01 54.600 1.8 1.021E 00 34.27 -4.463E-01 -1.640E-03 4.633E 02 1.044E 03 -1.360E 01 54.600 1.8 1.021E 00 34.27 -4.463E-01 -1.640E-03 4.633E 02 1.046E 03 -1.360E 01 54.600 1.8 1.021E 03 1.046E 03 1.046	6.700	53.700	1.8	w	34.67	-4.461E-01	-1.210E-03			:	-3.688E-02
\$3.900	9.800	53.800	1.0	m	34.64	-4.461E-01	-4.047E-04	629E	-	:	-1.2335-0
54.000 1.8 1.018E 00 34.55 -4.462E-01 -1.981E-03 4.616E 02 1.052E 03 -1.340E 01 54.100 1.8 1.018E 00 34.52 -4.462E-01 -6.159E-04 4.608E 02 1.052E 03 -1.360E 01 54.200 1.8 1.019E 00 34.42 -4.461E-01 -1.116E-03 4.624E 02 1.051E 03 -1.360E 01 54.300 1.8 1.021E 00 34.42 -4.461E-01 -1.146E-03 4.621E 02 1.049E 03 -1.360E 01 54.400 1.7 1.020E 00 34.32 -4.463E-01 -1.632E-03 4.629E 02 1.048E 03 -1.360E 01 54.500 1.7 1.020E 00 34.22 -4.463E-01 -1.640E-03 4.631E 02 1.046E 03 -1.360E 01 54.600 1.8 1.021E 00 34.27 -4.463E-01 -1.640E-03 4.633E 02 1.046E 03 -1.360E 01	6.900	53.900	1.0	*	34.60	-4.461E-01	-8-914E-04		3	:	-2.717E-02
\$4.100 1.8 1.016E 00 34.52 -4.462E-01 -6.159E-04 4.608E 02 1.652E 03 -1.360E 01 54.200 1.0 1.0 1.019E 00 34.49 -4.461E-01 -1.116E-03 4.624E 02 1.051E 03 -1.360E 01 54.40 1.0 1.0 1.0 1.0 1.0 34.42 -4.461E-01 -1.1452E-03 4.624E 02 1.649E 03 -1.360E 01 54.400 1.7 1.020E 00 34.32 -4.462E-01 -1.632E-03 4.629E 02 1.640E 03 -1.360E 01 54.500 1.7 1.020E 00 34.32 -4.463E-01 -1.640E-03 4.629E 02 1.040E 03 -1.360E 01 54.600 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1	2.000	24.000	1.8	3	34.55	-4.462E-01	-1.981E-03		05 3E		-6.038E-02
54.200 1.0 1.019E 00 34.40 -4.461E-01 -1.116E-03 4.624E 02 1.051E 03 -1.360E 01. 54.300 1.0 1.021E 00 34.42 -4.461E-01 -1.1452E-03 4.631E 02 1.049E 03 -1.360E 01. 54.400 1.7 1.020E 00 34.30 -4.462E-01 -1.632E-03 4.629E 02 1.040E 03 -1.360E 01. 54.500 1.7 1.020E 00 34.22 -4.463E-01 -1.352E-03 4.633E 02 1.046E 03 -1.360E 01. 54.600 1.0 1.021E 00 34.27 -4.463E-01 -1.640E-03 4.633E 02 1.045E 03 -1.360E 01.	7.100	24.100	1.6	3	34.52	-4.462E-01	-6.159E-04		CSZE		-1.877E-02
54.300 1.8 1.021E 00 34.42 -4.461E-01 -1.142E-03 4.631E 02 1.649E 03 -1.360E 01 -3 54.400 1.7 1.020E 00 34.38 -4.462E-01 -1.632E-03 4.629E 02 1.648E 03 -1.360E 01 -4 54.500 1.7 1.020E 00 34.27 -4.463E-01 -1.352E-03 4.633E 02 1.044E 03 -1.360E 01 -4 54.650 1.8 1.021E 00 34.27 -4.463E-01 -1.640E-03 4.633E 02 1.045E 03 -1.360E 01 -4 54.63E-01 -1.640E-03 4.633E 02 1.045E 03 -1.360E 01 -4 54.63E-01 -1.640E-03 4.633E 02 1.045E 03 -1.360E 01 -4 54.630E 03 -1.360E 01 -4 54.63E-01 -1.640E-03 4.633E 02 1.045E 03 -1.360E 01 -4 54.63E-01 -1.640E-03 4.633E 02 1.045E 03 -1.360E 01 -4 54.63E-01 -1.640E-03 4.633E 02 1.045E 03 -1.360E 01 -4 54.63E-01 -1.640E-03 4.633E 02 1.045E 03 -1.360E 01 -4 54.63E-01 -1.640E-03 4.633E 02 1.045E 03 -1.360E 01 -4 54.63E-01 -1.640E-03 4.633E 02 1.045E 03 -1.360E 01 -4 54.63E-01 -1.640E-03 4.633E 02 1.045E 03 -1.360E 01 -4 54.63E-01 -1.640E-03 4.633E 02 1.045E 03 -1.360E 01 -4 54.63E-01 -1.640E-03 4.633E 02 1.045E 03 -1.360E 01 -4 54.63E-01 -1.640E-03 4.633E 02 1.045E 03 -1.360E 01 -4 54.63E-01 -1.640E-03 4.633E 02 1.045E 03 -1.360E 01 -4 54.63E-01 -1.640E-03 4.633E 02 1.045E 03 -1.360E 01 -4 54.63E-01 -1.640E-03 4.63E-01 -1.640E-03 4.63E-03 4.63E-0	7.200	24.200	1.6	W	34.48	-4.461E-01	-1.116F-03			-1.360E OI	-3.400E-02
54.400	7.300	24.300	1:0	E	34.45	-4.461E-01	-1.142E-03		300	-1.360E 01	-3.480E-02
54.500 1.7 1.020E 00 34.32 -4.463E-01 -1.352E-03 4.626F 02 1.044E 03 -1.360E 01 -4 54.600 1.8 1.021E 00 34.27 -4.463E-01 -1.640E-03 4.633E 02 1.045E 03 -1.360E 01 -4	2.400	24.400	1:1	w	34.38	. 462E	-1.632E-03		-	-1.360E 01	-4.974E-02
54.600 1.8 1.021E 00 34.27 -4.463E-01 -1.640E-03 4.633E 02 1.045E 03 -1.360E 01 -4	1.500	24.500	1.7	8	34.32	-4.463E-01	-1.352E-03		-		
	2.600	24.400		u	36.27	-4-442E-01	-	4116	3570		

EXPERIMENTAL CATA

	ANGLE	LENSION	LENGTH	VELOCITY	ACCEL.	TENSICA	LENGTE	VELCCITY	ACCEL.
	930	1.8 S	FF	FT/SEC	FT/SEC/SEC	GRAF	3	CH/SEC	CM/SEC/SEC
	1.8		34	-4.463E-01	-7.096E-04	4.618E 02			163E
	1.6	1.016E 00	6	9	.909			.360	-2.411E-02
*	1.8		34	-4.462E-01	-1.389E-03		. C39E	_	234E-
	1.1	1.019€ 00	34	-4.460E-01	-3.350E-05	-	38E	309	-1.021E-03
	1.8		34	-4.460E-01	.620		.036E		627E-
	1.6		33	-4.460E-01	1.343	4.619E 02	.035€	1.359E	-4.094E-02
	1.8		33	-4.460E-01	9.953		.034E	1.359€	034F
	1.5		33.89	-3094	•		033E	359E	-4.465F-02
	1.8		33.		966		.032E	.359€	-9060-
	1.9		33.	462E-	231		.03CE	.360E	3.753F
	1.8		33.77	-4.461 E-01	-9.064E-04		025E	1.360E	-2.763E-02
	1.8		33.	-4.462E-01			.028E	1 -360E	-4.090F-02
	1.0	- 100					. 026F		2.515F
			33				0246	3606	1.1316
			33	-4.461E-01			346	36.06	-3.546-02
				10-9147 4-			0236	3406	72.26
		י סייני			10 330E-03			3000	30 35 E-06
							3070	3000	1001
	:	1610	33.	•	٠,	3470	1610	1.359	-3.378E-02
	1.8	910E	33.		N	10E	31.16	356E	-6.784F-02
	•		33.				OICE	. 360E	-5.826E-02
			33.	-4.462E-01	-1.699E-03			1 . 360E	-5-178E-02
	1:1	1.019€ 00	33.	-4.461E-01	-1.1336-03		0126	-360E	-3.455E-02
					-3.213E-04			.300E	-9. 793E-03
		1.017		- 101	v.		-0116	300	-6.8137-03
				•	50-3067-1			3555	20 31 18 6 -
	::		::	10-300+-+-	CO-3676-1-		-000	-35%	20-100
					-		-00 JE	-359E	-146
			33.		-		. 00cE	.359E	2005
		1.0166 00	32.	-4.461E-01	-1.574E-03			-360E	-4.79F-02
			35.				- 00 3E	-360E	82 1F
	1.8			5	-1.646E-03	4.624E 02	3100	3096.	-5.017E-02
	•:-		35.	-4.462E-01	-1.000E-03		-000E		9496
	1.6	1.021E 00	35.	3	-4.081E-04		- 5676	-360E	-1.244E-02
	1:1		35.	-4.462E-01	-9.857E-04		-970E		005F
	1.6		32.	-4.461E-01	-1.954E-03		. 558E	-	955E-
	9:1		32.	-4.461 E-01			344€	1.360E	7345
	1:0	020E		-4.458E-01	939		3676	-1.359E 01	-8.959E-03
	1:0	3610	32.	457			. S16E	359E	5
	1.6	9810	32.	459	096		-908E	-359E	-5.974E-02
	1.8	021E		99	-9.939E-04		9.892E 02	-	-3.030E-02
	1.8	023E	32.	3	-1.503E-03	116	.878E	1 - 360F	-4.582E-02
		0226	32.	-3057	1.032		8 70E	350E	T
		216		Ī	-4 303E-04		37 50	3406	
		3336	32	ľ		376	340	3000	7076-
		3770			- 1001.	3000	2000	•	
		023E	97.	10-3794-4-	-1.626E-03	4.638E 02	. 82 IE	_	1.
									-

EXPERIMENTAL CATA

RCOR	NO.	OSCI.	TENSION	LENGTH	VELOCITY	ACCEL.	TENSICN	LENGTH	VELOCITY	ACCEL.
SEC	SEC	DEG	185	11	FT/SEC	F1/SEC/SEC	GRAP	ð	CH/SEC	CM/SEC/SEC
004	59.400	1:3		32.14	-4.462E-01	-1.405E-03	4.620E 02		-360E	-4.282E-
72.500	59.500	1.8	ш	32.09	•	-1.472E-03	4.619E 02		309E	-4.488E-02
909	29.600	1.6		32.05	-4.464 E-01	-2.128E-03	4.627E 02		-1.361E 01	-6.486E-02
700	29.700	1.8	ш	31.99		-1.4316-03			-1.360E 01	-4.363E-02
800	29.800	1.7	w	31.95	-4.462E-01	-1.566E-03	33E	.739E	309E	-4.174E-(
900	29.900	1.6	1.020E 00	31.91	-4.461E-01	-1.203E-04	528E		309E.	-3.667E-03
000	60.000	1.9	ш	31.87	-4.462E-01	-7.198E-04		3€11.	-1.360E 01	-2.194E-02
100	60.100	1.8		31.83	-4.461E-01	-7.075E-04	4.633E 02	-703E	-1.360E 01	-2.157E-
200	60.200	1.1	-			-1.568E-03		.688E	.360E	-4.780E-02
300	60.300	1.6	w			-3-158E-04			.359E	-9.626E-03
400	60.400	1.8	1.016E 00	31.70	-4.461E-01	-1.1126-03		9.662E 02	.360E	-3.390E-02
200	60.500	1.8		31.67	-4.460E-01	-1.755E-03	919E		359E	-5.351E-02
009	60.600	1.8	*	31.63	•	-2.332E-03	620E	.642E	-360E	-7.109E-
100	60-100	1.8	35	31.58		-1.725E-03			360E	-5.257E-
800	60.800	1.0		31.51		-1.121E-03	617E	_	360E	-3.417E-02
006	60.900	1.1			-4.463E-01	2,1335-04			360E	6.501E-
000	61.000	1.7	1.020E 00	31.43	-4.462E-01	-5.879E-04			360E	-1.792E
100	61.100	1.7		۳.	-4.461E-01	-2-1326-03		. 564E	360E	-6.499E
200	61.200	1.8				-1.288E-03			360E	-3.925E-
300	61.300	1.1	w	31.28		-1.128E-03			360E	-3.43EE-
400	61.400	1.8	w	31.24	-4.461E-01	-8.244E-04			-1.360E 01	-2.513E-02
200	61.500	1.8	w	31.19	-4.461E-01	-2.31 8E-03			360E	-7.065F
900	61.600	1.7	ш	31.15	-4.462E-01	-2.412E-03			309E	-7.353E-(
100	61.700	1.8		31.12	-4.464E-01	-1.756E-03		ш		-5.353E-(
800	61.800	•		31.09		-1.005E-03	626E	-476E		-3.063E-
006	900-19	1.8	w	31.04		2.290E-04			77	6.980E
000	62.000	1.8	w	31.00	-4.462E-01	-7.649E-04				-2.332E-(
100	62.100	1.5	w	30.95	-4.463E-01	-1.4496-03			-	-4.417F
200	62.200	1.8	1.016E 00	30.90	-4.462E-01	-3.726E-04		9.419E 02		-1.136F-02
300	62.300	1.8	_	30.86	-4.462E-01	-8.552E-04			1770	-2.607E-
400	95.400	1.8	w	30.79	-4.462E-01	-5.045E-04		9.38EE 02		-1.536F
200	62.500	1.0		30.76	-4.463E-01	-2.151E-03			360E	-6.557F
009	62.600	1:0	w	30.12	-4.463E-01	-2.3326-03		9.365E 02		-7.107F
100	62.700	1:1	w	30.68	-4.464E-01	-1.4036-03				-4.276F
800	62.800	1:1	w	30.62		-2.878E-04				-8.772E-
900	62.900	1.0	-	30.57	-4.463E-01	2.0516-04		318E	.360E	6.251E-
000	63.000	1.0		30.53	-4.462E-01	-9.6395-04			200	-2.938E-02
100	63.100	1.8	w	30.49	-4.462 E-01	-1.9646-03	3809	9.294E 02		-5.986E-
76.200	63.200	1.8	-	30.45	-4.461E-01	-6.925E-04				-2.111F-02
300		1.8		30.41	-4.462E-01	-1.6376-03				-4.988E-02
400	63.400	1:0		30.38	-4.462E-01	-1.098E-03			-	-3.346F
200		1.9	w	30.34	-4.462E-01	-1.881E-03	9919			-5.732E-(
16.600			w	30.29	-4.464E-01	-2.775E-03	. 618E			-8.459E-
16. 700	63.700	1:9	1.019€ 00	30.25	-4.464E-01	-9.475E-04	•	9.222E 02	.361E	•
900	41.800	•	u	10.21	-4-444E-01	-1 - 52 4E-04				***
	,	001	J	-	-	:	3000		3106.	0

EXPERIMENTAL CATA

	ANGIE	NO I CHOI	LENGIN	VELUCITY	ALLEL.	IENSICA	LENGIN	VELUCITY	ALLEL
SEC SEC	066	LBS	ı	FT/SEC	FT/SEC/SEC	GRAM	5	CH/SEC	CH/SEC/SEC
77.000 64.000	1.8	36	30.11	-4.463E-01	-9.6395-04	4.616E 02	9-178E 02	-1.360E 01	-2.938E-0
100 64.100	1.8	1.017E 00	30.07	463E-	-1.284E-03	.612E	9.166E 02	:	-3.915E-02
		w	30.03		-5.9135-04		53E	-1.360E 01	
77.300 64.300	1.7	1.022E 00	79.97	-4.462E-01	-9.687E-04	4.636E 02	-	309E	-2.952E-02
		w	29.64	-4.461E-01	-1.052E-03			3091	-3.207E-0
		¥	29.88	-4.462E-01	-2.365E-03		.117E	309E	-7.207E-02
		4	29.83	-4.463E-01	-2.950E-03			-1.360E 01	-0.991E-0
		w	29.79	-4.463E-01	-2.816E-04		. 080E	360E	-1.584E-0
		w	29.75	-4.463E-01	-4-1775-04			-1.360E 01	-1.273E-02
		M	29.71	-4.463E-01	-7.021E-04			360E	-2.140E-0
		1.016E 00	29.67	-4.462E-01	-1.252E-03	w		360E	-3.817E-02
			29.64	-4.462E-01	-9.481E-04				-2.690E-0
78.200 65.200		ш	29.60	-4.463E-01	-1-101E-03	4.624E 02	_	360E	-3.357E-0
		ш	29.56	-4.463E-01	-1.057E-03				-3.221E-02
			29.51	-4.463E-01	-1.458E-03	4.612E 02			-4.44F-0
		w	29.47	-4.465E-01	-1.900E-03		8.583E 02	-1.361E 01	-5.792E-0
		ш	29.43	-4.464E-01	-2.502E-03				-7.626E-0
			29.38	-4.465E-01	-5.284E-04			3196	-1.611E-0
78.800 65.800		w	29.35	-4.464E-01	-5.879E-04	4.624E 02		3196	-1.792E-02
		w	29.30	-4.465E-01	-9.987E-04			3196	-3.046-0
		¥	29.25	-4.465E-01	-1.599E-03				-4.874E-0
			29.21	-4.464E-01	8.2036-05		926		2.500E-0
		1.021E 00	29.16	-4.463E-01	-1.570E-03	4.632E 02	116		-4.186E-02
			29.12		-1.868E-03		16E	-1.3616 01	-5.694E-0
			29.01	-4.464 E-01	-1.3465-03		979		-4-103FO
			29.03	-4.464E-01	-1.920E-03		8.849E 02		-5.851E-0
			29.00	-4.465E-01	-1-166E-03				-3.553E-0
			28.96	-4.465E-01	8-155E-04				2.486F-0
800 66.800			28.91		-4.895E-04		31		-1.492E-0
			28.88	-4.463 E-01	-1.098F-03				-3.346E-0
		1.022E 00	28.83	10-3494-4-	-1.667E-03	4.633E 02	8.7886 02	-1.361E 01	-5.082E-02
100 67.100	9.1		28.19	10-404-6-	50-1-00-1-		125	3016	-3.034
		1.021E 00	28.73	10-404.4-	-1.658E-03		. 758E	7	-5.053E-0
:	1:1	<u>.</u>	28.69	-4.464E-01	-1.5911-03	4-645E 02		-1.361E 01	-4.85 IE-02
	1.8	1.023E 00	28.66	-4.464E-01	-1.100E-03				-3.353E-0
67.	1.7		28.60	4.465E-01	-2.360E-03		.717E		-7.193E-0
67	1.7	-	28.56	-4.465E-01	-1,340E-03			200	-4.084F-02
	1.8		28.51	-4.465E-01	2.064E-04			3196	6.292E-0
Ī	1.6	1.019€ 00	28.47	-4.463E-01	-7.916F-04	4.621E 02	396	-1.360E 01	-2.413F-0
5	1.6	w	28.43	-4.464E-01	-1.540E-03		146	361E	-4.694E-02
9	1.6	w	28 - 38	-4.464E-01	-1,5185-03		8.65CE 02	-700	-4.628E-02
3	1.9	w	28 - 35	-4.464E-01	-1,469E-03				-4.478E-02
3	1.8	w	28.31	-4.464E-01	-1,497E-03	4.617E 02	8.629E 02	-1.360E 01	-4.563F-02
81.300 68.300	1.6	1.022E 00	28.25	-4.464 E-01	-1.492F-03		8.612E 02	-1.361E 01	
89			20 22		A 4616 AL				
,	1.7	3770	£7.07	10-1001-1-	17.8215104	4.635E UZ	8.603E 02	10 3196.1-	-3.0025-02

EXPERIMENTAL CATA

		טענו	TENSTON	HE SNS 1	CTH VELOCITY	ACCEL	TENSICN	LENGTH	VELOCITY	ACCEL
RCOR	RUN	-		- CHO						
SEC	SEC	DEG	1.85	FT	FT/SEC	FT/SEC/SEC	GRAM	3	CP/SEC	CM/SEC/SEC
1.600	68.600	1.8		28 12	-4.465E-01	-1.4996-03			-1.361E 01	-4.56SE-02
81.700	68.700	1.8	1.019€ 00	28.08	-4.466E-01	1-367E-04	4.623E 02	560E	361E	4.167E-03
81.800	68.800	1.8	1.022E 00	28.03	-4.465E-01	-4-23 BE-04	4.6378 02	8.542E 02	-1.361E 01	-1.292E-02
81.900	68.900	1.8		27.98	465	-1.431E-03		530E		-4.36 1E-02
2.000	69.000	1.7		27.95	465	-5.510E-04			-1.361E 01	-1.679E-02
2.100	69.100	1.7		27.90	-4.465E-01	-1.062E-03	-		.361E	-3.238E-02
2.200	69.200	1:1		27.85	-4.464E-01	-6.733E-04		36	-1.361E 01	-2.052E-02
82,300	69.300	1.1		27.80	-4.464E-01	-1.749E-03	9949		-1.361E 01	-5.330E-02
82.400	69.400	1.1		.27.75	-4.465E-01	-1.294E-03	98E9	30	-1.361E 01	-3.944E-02
2.500	69.500	1.8		27.71	465	-2.003E-03	628E	31	-1.361E 01	-6-105E-02
2.600	69.600	1.1		27.66	494	-1.283E-03	30E			-3.91 1E-02
2.700	69.700	1.8		27.63	465	-2.987E-04	O.F.	2.1E		-9-105E-03
2.800	69.800	1.8		27.59	404	-7.513E-04	-	116	-1.360E 01	-2.290E-02
2.900	69.900	1.8	10	27.56	464	-9-427E-04				
3.000	70.000	1.8		27.52	464	-8-060E-04	SA.			-2-457E-02
3.100	70.100	1.9		27.47	463	-7.697E-04	44E			-2.346E-02
83.200	70.200	1.6		27.43	463	-8-101E-04	47E			-2.469E-02
83.300	70.300	1.8		27.38	663	-1.786E-03	516			-5.442E-02
83.400	70.400	1.8		27.33	404	-1.95 CE-03	35E		:	-5.963E-02
3.500	10.500	1.8		27.28	465	-1.708E-03	32E			-5.207E-02
83.600	10.600	1.8		27.25	-4.465E-01	-1.1636-03		8.305E 02		-3.605E-02
3.700	70.700	1.1		27.19	-4.465E-01	-9.796E-04				-2.986E-02
83.800	10.800	1.1		27.15	165	-1.6346-03				-4.980E-02
13.900	10.900	1.0	124E	27.09	165	-3.138E-04			-1.361E 01	-9.564E-03
94.000	71.000	1.0		27.04	-4.464E-01	-7.287E-04		8.242E 02	-1.3616 01	-2.22 1E-02
94.100	71.100	1.8	125E	27.01	-4.464E-01	-1,1336-03				-3.455E-02
84.200	71.200	1:4		26.96	-4.464E-01	-1.2716-03		8.218E 02	-1.361E 01	-3.873E-02
84.300	71.300	1.6		26.93	-4.464E-01	-1.379E-03				-4.203E-02
4.400	71.400	1.8		56.89	-4.464E-01	-1.809E-03		-		-5.519E-02
94.500	71.500	1.1		26.85	-4.465E-01	-1.630E-03				-4.967E-02
84.600	11.600	1.6		26-79	-4.465E-01	-1.142E-03	366		-1.361E 01	-3.482E-02
4.700	11.700	1.6	1.022E 00	26.76	-4.464F-01	-5.879E-04			-1.361£ 01	-1.792E-02
84.800	71.800	1.6		26.70	-4.465E-01	-1.049E-03			319E .	-3.196E-02
84.900	71.900	1.0		26.67	-4.465E-01	-4-102E-06	4.646E 02	-		-1.250E-04
85.000	72.000	1.8	1.028E 00	26.60	-4.464E-01	-1.377E-03	. 10		-1.361E 01	-4.198E-02
2.100	12.100	1.8		26.56	-4.464E-01	-1-176E-03			3616	-3.584E-02
85.200	72.200	1.8		26.92	59	-1.686E-03		9480	-1.3616 01	-5.130F-02
85.300	72.300	1.1	026E	26.48	-4.465E-01	-1.699E-03			-1.3616 01	-5.180E-02
85.400	72.400	1.1	025E	26.43		-8.935E-04	476	055E		-2.723E-02
95.500	72.500	1.8	025E	26.39		-1.71 BE-03		8-043E 02	-1.3616 01	-5.236E-02
5.600	72.600	1.6	024E	26.35		-2.218E-03		030E	-1.361E 01	-6.759E-02
85.700	72.700	1.8	DZOE	26.30	-4.465E-01	-9.543E-04	29E	DICE	-1.3616 01	-2.909E-02
5.800	72.800	1.8		26.25	-4.465E-01	-1.079E-03	631E		-1-361F 01	-3.290E-02
5.900	72.900	1.8	DZIE	26.22	5	7.766E-04	629E	7.551E 02	-1.361E 01	2.3675-02
96.000	73.000			26.19	3	-1-101E-03	7717		-1.3406 01	2000
						-				

EXPERIMENTAL CATA

202		TENSION	LENGTH	VELOCITY	ACCEL.	TENSICA	LENGTH	VELOCITY	ACCEC.
SEC	066	1.85	F	FT/SEC	FT/SEC/SEC	GRAP	ð	CH/SEC	CM/SEC/SEC
73.200	1.0		26.09	-4.463E-01	-1.892E-03			-1.360E 01	-5.7676-0
73.300	1.8	1.013E 00	26.04	-464E-	-2.390E-03	4.55TE 02	7.538E 02	1.361€	-7.284E-02
73.400	1.8		26.01	466	-1.301E-03	55 1E		-1.361E 01	-3.9656-0
73.500	1:0		25.96	4.465	-6.009E-04			1.3616	-1.8316-0
73.600	1.0		25.89	-4.465E-01	-9.550E-04	3110			-2.9116-0-
73.700			25.85	-4.466E-01	-9.023E-04	513E			-2.7506-0
73.800	1.0		25.82	-4.465E-01	-2.440E-04	106		_	-7.4386-0
73.900	1.8		25.76	-4.464E-01	1.4836-04			-1.361E 01	4.5216-0
74.000	1:1		25.72	-4.463E-01	-1.751E-03	3509			-5.336E-0
74.100	1.1		25.67	464E-	-1.686E-03				-5.140F-0
74.200	1:1		25.62	464E-	-2.345E-03		7.809E 02	3616	-7-1476-0
74.300	1.0		25.58		-2.049E-03			-	-6.245F-02
14.400	1.8	w	25.54	404	-1.518E-04		-	3196	-4.626F-0
74.500	1.0		25.50		-9.440E-04				-2.877E-0
74.600	1.0		25.47	463	-1.420E-03	507E		3696	-4-328F-0
74.700	1.9		25.42	-4.464E-01	-2.224E-03			-1.361£ 01	-6.778F0
74.800	1:0		25.37	-4.465E-01	-6.221E-04	4.6C6E 02			-1.896E-0
74.900	1.9	-	25.33	-4.464E-01	-3.760E-04				-1.1465-0
75.000	1.6		25.29	404	-1.3696-03			-1.361E 01	-4-173E-02
75.100	1.0	w	25.25	-4.464E-01	-1.407E-03				-4.288E-02
15.200	1.8		25.19	-4.465E-01	-2.010E-03				-6-128E-0
75.300	1.1	w	25.15	-4.465E-01	-1.989E-03			1.3616	-6.06 IE-02
15.400		1.0146 00	25.11	-4.465E-01	1.750E-04		7.653E 02		5.334E-03
75.500		w	25.04	-4.465E-01	-8.025E-04	9109			-2.4468-0
13.000	:		25.02	-4.465E-01	-1.586E-03			3016	-4.834FO
12.700	8.1		24.97	:	-1.882E-03	\$00E		3100	- 5. 730E-G
75.800	8.		24.92	4.465	-1.613E-04			3616	-4.917E-0
75.900	1.1		24.87	-4.464E-01	-9.851E-04				-3.002F-0
2000	8.1			***	-1.586E-03	2956		3016	-4-834E-0
2001.00				- 400	2000			2101	2000
74 300		00 allo	24.10	10-3604-6-	-1.2385-03	4.505E 02	7 6366 02	10 30 00 1	- 3.630E-02
76.400			24-46	10-3494-4-	A.0336-05			3416	1.2296-0
76.500	1.6		24.63		-1.021E-03	603E			-3-111E-0
76.600	1.8		24.59		-2.030E-03			-1.360E 01	-6-188E-0
76.700	1.8		24.55	-4.464E-01	-1.831E-03				-5.580E-0
76.800	1.8		24.49	-4.464E-01	2.461E-05	594E		.361E	7.501E-0
76.900	1.8		24.45	-4.464E-01	-6.398E-04	3585		3196	-1.950E-0
17.000	1.8		24.41	-4.464E-01	-1.069E-03	82E		361€	-3.259E-0
77.100	1.8		24.35	-4.464E-01	205		7.423€ 02	309€	-3.673E-0
17.200	1.1			-4.464E-01	-2.330E-03	305		-1.360E 01	-7.103E-0
17.300	1.1			-4.465E-01	-1.265E-03			.361E	-3.455E-0
17.400	1.9		24.22	-4.463E-01	-2.9396-04			360E	-8.959E-0
17.500	1.8		24.18	-4.464E-01	-1.721E-03				-5.246E-0
77.600			24 14	-4 444 E-01	-1 0116-02	3017		14 3416	C-1017
	0.1			101111111111111111111111111111111111111		3010.			12011

EXPERIMENTAL DATA

TIME	TIME	ANGLE		LENGIN						
SEC	SEC	DEG	1.85	F1	FT/SEC	FT/SEC/SEC	GRAP	5	CH/SEC	CM/SEC/SEC
008.0	17.800	1.6	1.0146	0 24.06	-4.464E-01	-6.378E-04	4.600E 02		-1.360E 01	-1.944E-0
90.900	17.900	1.6	1.015E D	24.02	-4.464E-01	-3.890E-04	4.602E 02	322E	-1.361E 01	-1.18tE-02
0000	78.000	1.5	1.014E 00	23.	-4.464E-01	-9.9396-04		312€		-3.030E-02
1.100	78.100	1.5	2		-4.463E-01	-6.077E-04	0	257E	-1.360E 01	-1.852E-02
91.200	78.200	1.6	36		•	-1.978E-03			-1.360E 01	-6.028E-0
.300	18.300	1.6	1.015E 00		1	-8-620E-04	4.603E 02	7.273E 02	-1.360E 01	-2.627E-02
004.	78.400	1.9	SE		*	-1-647E-04				-5.021E-0
. 500	78.500	1.6	4	3 23.76	*-	-1.748E-03	4.610E 02	242E	-1.360E 01	-5.328E-02
009	78.600	1.0	w		1	-2.098F-03		234E		-6.395E-02
200	78.700	1.6		23.67	1	-8.538F-04	0	2156	3616	-2-6026-02
. 800	78.800	1.8	1-0136 00		1	-8-415F-04	4.556E 02		-1.3616 01	-2.565F-02
000	78.900	-	4		-	-4.546F-04				-1-3866-02
000	79.000		4	23.53		-1-6836-03			10 30 YE 1-	-4. 51 a F. 02
00	76.100		4 4			-1.2715-03	4. 6.16E 02		3416	2.0736
200	76.200		, ,			CO-3000 C-			3416	20 36 66 7
200	2000					5075-03				
300	2000		4	16.67	•	-1-1026-03	.			3.303
0000	004.67		1.016E 0		1	-4.471E-04	4.6CBE 02			-1.363E-02
. 500	19.500	1.9	76 0	0 23.33	+	-2.195E-03	4.615E 02	¥		-6.690F-02
009-	19.600	1.9	1.0176 0	3 23.28	1	-2.237E-03	4.611E 02		-1.361E 01	-6.818F-02
. 700	19.100	2.0	1.012E 0	3 23.25	-4.465E-01	-1.1596-03	0	3	-1.361E 01	-3.532E-02
. 800	19.800	1.9	y		1	-6.063E-04	4.598E 02	7.074E 02	-1.361E 01	-1.848F-02
.900	19.900	1.0	2		-4.464E-01	-5.708E-04	4.604E 02	7.0616 02	-1.361E 01	-1.740F-02
.000	80.000	1:1	9	3 23.11	*	-1.292E-03	4.610E 02	043E	361E	-3.938E-02
.100	80.100	1.0	1.0166 00		-4.466E-01	-1-470E-03	4.611E 02	7.028E 02	-1.3616 01	-4.480E-02
.200	80.200	1.5	30		1	-1.7476-03	4.616E 02	7.C16E 02	-1.361E 01	-5.324E-02
.300	80.300	1.0	1.019E 00		*	-5.229E-04	4.622E 02			-1.594E-02
.400	80.400	1.6	1.018E 0		1	-1.62 0E-04	4.620E 02	6.586E 02	-1.361E 01	-4.938E-03
.500	80.500	1.8	30	0 22.88	1	-1.295E-03	4.616E 02	6.973E 02	-1.3616 01	-3.948E-02
009.	80.600	1.6	39		*	-7.034E-04		6.558E 02	-1.3616 01	-2-144E-02
. 700	80.700	1.6	1.015€ 0		1	-5.879E-04		6.545E 02	-1.360E 01	-1.792E-02
. 800	80.800	1.6	32		1	-9.680E-04		6.933E 02		-2.950E-02
.900	80.900	1.0	36		1	-1.168E-03	4.603E 02	919E		-3.56 1E-02
000	81.000	1.8	4		1	-1.567E-03		6.9C7E 02	309E	-4.778E-02
.100	91.100	1.6	32		1	-1.930E-03	0	95 BE	3616	-5.884E-02
-200	81.200	1.6	1.013€ 0	3 22.58	-4.464E-01	-7.137F-04	4.596E 02	883E	- 1	
.300	81.300	1.9	36		-4.463E-01	-3.042E-04	_			-9.272E-03
***	81.400	1.6	1.013E 00	0 22.50	-4.463E-01	-1.586E-04	-	6.857E 02	-1.360E 01	-4.834E-03
- 500	91.500	1.0	32		1	-2.100E-03				-6.401E-0
009	81.600	1.9	<u> </u>		1	-9.748F-04		28E	360E	-2.971E-02
. 700	81.700	1.0	w	3 22.36	1	-1.690E-03			361E	-5.151E-02
. 800	81.800	1.9			*	-8.743E-04	4.600E 02		360E	-2.665E-0
. 900	006-18	1.8	1.016E 0		1	-1.505E-03	4.6C7E 02	7876	361E	-4.588E-0
000	82.000	1.1			1	-1-688E-03	4.60SE 02	1176	3618	-5.144E-02
100	82.100	1.6	1.018E 00	0 22.17	-4.467E-01	-1.031E-03	4.616E 02	1586	3616	-3.1426-02
200	82.200		u		10-3377 7-	-9-404E-04				
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EVER SIMENTAL CATA

		IENSI ON	LENGIN	VELUCITY	ALLEL	LENSIEN	LENGIA	AFFORTIA	
SEC SEC	066	1.85	14	FT/SEC	FT/SEC/SEC	GRAP	5	CH/SEC	CM/SEC/SEC
00 82.400			22.09	-4.465E-01	-1.332E-03			-1.361E 01	-4.059E-02
	1.6	1.012E 00	22.02	465	-2.347E-03	.592E	3111	-	-7.155E-02
95.600 82.600			21.57	-4.466E-01	-1.757E-04	4.585E 02		-1.361E 01	-5.355E-03
			21.93	-4.465E-01	-9.071E-04			-1.361E 01	-2.765E-02
			21.89	-4.464E-01	-3.917E-04			-1.361E 01	-1.194E-02
95.900 62.900			21.85	-4.464E-01	-1.716E-03			-1.361E 01	-5.230E-02
			21.80	-4.466E-01	-2.036E-03	4.597E 02		-1.3616 01	-6.207E-02
			21.76	-4.465E-01	-9.775E-04			-1.361E 01	-2.980E-02
	1:1		21.70	-4.465E-01	-3.363E-04			-1.361E 01	
	1.8		21.66	-4.464E-01	-1.166E-03			-1.361E 01	-3.555E-02
	1.8		21.62	-4.465E-01	-1.102E-03	4.5E7E 02		-1.3616 01	
	1.8		21.57	-4.464E-01	-2.256E-03			-1.361E 01	-6.876E-02
96.600 83.600	1.1		21.53	466	-6.364E-04	603E		-1.361E 01	-1.940E-02
	1.6		21.48	466E	-1.663E-03	3665		~	-5.069E-02
	1.6		21.43	-	-6.836E-04	595E		-1.361E 01	-2.084E-02
	1.8		21.40	-6.464E-01	-7.540E-04	604E		-1.361E 01	-2.298E-02
	1.8		21.35	-4.464F-01	-2.067E-03	603E		-1.361E 01	-6.299E-02
			21.31		-9.536E-04	585E		-1.361E 01	
97.200 84.200			21.20	E	-5. 373F-04	SADE		-1.361E 01	-1-6346-02
			21.23	464 6	-1.574F-03	585E		-1.361E 01	
			21.19	1	-1.284F-03	5826		-1-361E OI	-3.913E-02
•	1.9		21.15		-1.2656-03	5816		-1-361E 01	
•	1.9	1.012E 00	21.12	-4.465E-01	-1.5656-03	4.590E 02	6.437E 02	-1.3616 01	
97.700 84.700	1.9		21.08		-1.8126-03	401E		-1.361E 01	
	1.9		21.01	-4.466E-01	-6.426E-04			-1.361E 01	
	1.8	1.016E 00	20.96	-4.466E-01	-1.2766-03		-	-1.361E 01	-3.890E-02
98.000 85.000			20.92	-4.465E-01	-1.3576-03			-1.3616 01	
			20.87	-4.465E-01	-6.761E-04		1	-1.361E 01	-2.061E-02
		ш	20.82	-4.465E-01	-6.740E-04			-1.361E 01	-2.054E-02
			20.76	-4.465 E-01	-1.7156-03		-	-1.361E 01	
		1.016E 00	20.12	-4.465E-01	-1.263E-03			-1.361E 01	-3.850F-02
			20.68	-4.464E-01	-9.639E-04		-	-1.361E 01	-2.938E-02
-		1.011E 00	20.63	-4.466E-01	-1.472E-03	4.587E 02		361E	-4.486F-02
	1.8		20.59	-4.465E-01	-1.459E-03			-1.3616 01	-4.448F-02
	1.6		20.56	-4.463E-01	-3.035E-04			-1.360E 01	-9.251E-03
	1.8		20.51	-4.464 E-01	-8.3676-04			-1.361E 01	-2.550E-02
	1.9		20.47	-4.465E-01	-1.858E-03		70	-1.361E 01	-5.663F-02
0 86.100	1.5	1.006E 00	20.43	-4.466E-01	-1.1386-03		6.226E 02	-1.361E 01	-3-469E-02
	1.8		20.37	466	-1.1956-03		_	-1.361E 01	-3.642F-02
	1.9		20.33	-4.465E-01	-1.636E-03		6. ISEE 02	-1.361E 01	-4.986F-02
	1.6		20.28	-4.467E-01	-1.187E-03			-1.361E 01	-3.617F-02
	1.9		20.23	-4.464E-01	-9.495E-04		6.16cE 02	-1.3616 01	-2.894E-02
	1.8		20.19	-4-465E-01	-1.6416-03		-	~	
	1.1	3010	20.15	-4.466 E-01	-1.435E-03		_	-1.361E 01	-4.373E-02
008-98 00	8.1	9110	20.10	E			376		-1-6406-02

EXPERIMENTAL CATA

RCDR	NO.	oscr.	TENSTON	LENGTH	VELOCITY	ACCEL.	TENSICA	LENGTE	VELOCITY	ACCEL.
TIME	TIME	AMETE								
SEC	SEC	DEG	1.85	F1	FT/SEC	FT/SEC/SEC	GRAP	3	CHISEC	CHISECISEC
							Section of the second		230,142	
100.000	87.000	1.0	1.011E 00	20.00	-4.465E-01	-1.096E-03	4.585E 02	3950	-	-3.342E-02
100.100		n.1	D7E		-4.466E-01	-5.763E-04	567E	94E	-	-1.756E-0
100-200		1.9	38E		-4.466E-01	-1.180E-03	571E	07 1E	-1.361E 01	-3.596E-
100.300		1.6	12E		-4.465E-01	-1.821E-03		3090	-1.361E 01	-5.551E-02
100.400	87.400	5.1	376		-4.464E-01	-3.787E-04	4.567E 02	6.04EE 02	-1.361E 01	-1.154E-0
100.500		1.9	38E		-4.464 E-01	-2.618E-04		02 1E	-1.361E 01	-7.980E-0
100. 600		1.9	-	-	-4.465E-01	-1.358E-03	4.584E 02	6.023E 02	-1.361E 01	-4-138E-0
100. 700		1.9	2E	19.72	-4.464E-01	-1.7496-03	4.591E 02	6.011E 02	-1.361E 01	-5-330E-02
100.800		8:1	9	19.61	-4.464E-01	-3.890E-04	100	5.955E 02	-1.361E 01	-1.186F-0
100.900		1.8	4	_	-4.464E-01	-1.803E-03	4.600E 02	5.983E 02		-5-494E-02
101.000		1.8		19.57	-4.465E-01	-8-839E-04	4.616F 02	5.566F 02	-1.361F 01	-2.694F-0
101-100		1.6	35		-6.665F-01	-5.2716-04	4.6036 02	5.954E 02		-1-604E-02
101.200	88.200	-	u		-4. 464 E-01	-1-56.56-03	4.4186.02	20 36 70 3		17316
101.300		1.3	4		-4.464 F-01	-1-4866-03	4. 640E 02	6 927E 02	3416	20 JUE 9 7
101.400	88.400		2		10-397	2 5045-04	4 4 24E 03	6 61 KE 02	3416	2000
200			4 8		10-1504-4	1 37.75 03	20 302004	20 20120	10 3106.1	1000
200	2004		, ,		10-3404-4	1 3136 03	20 367004	20 30 30 5	3000	20-3861-6-
			,		10-1504.	2 52 55 03	20 311004	אינים מל		7
200					10-3+0+·+-	-4.3336-03	4.040E UZ	5.808E 02	-1.361E 01	-1.128E-02
101.800	98-800	1.9	*	-	-4.467E-01	-1-4046-03	4.622E 02	5.860E 02	-1.361E 01	-4.280F-02
101-900		1.8	35	_	-4.467E-01	-2.006F-03	4.634E 02	5.847E 02	-1.362E 01	-6.113F-02
105.000		6:1	3	7	-4.465E-01	-8.723E-04	4.630E 02	5.836E 02	-1.361E 01	-2.659E-02
102-100		1.5	8	100	-4.465E-01	1.0536-04	4.629E 02	5. 120E 02	-1.361E 01	3.209F-03
102.200		1:0	16		-4.4656-01	-1.203E-03	4.631E 02	5.808E 02	-1.361E 01	-3.667E-02
102.300		1.9	8	-	-4.466E-01	-1-400E-03	4.629E 02	5.794E 02	-1.361E 01	-4.267E-02
102.400	99.400	1.5	1.021E 00	-	-4.464E-01	1.8735-8	4.430E 02	5.764E 02	-1.361E 01	5
102.500		1.8		-	-4.465E-01	-1.308E-03	4.644E 02	5.7676 02	-1.3616 01	-3.988E-02
105-600		-:-	99	_	-4.465E-01	-9.092E-04	4.652E 02	5.750E 02	-1.3616 01	-2.771E-02
102.700		1.8	36	-	-4.466F-01	-2.479E-03	4.640E 02	5.732E 02	-1.361E 01	-7.553E-02
102-800		1.6	16	_	-4.466E-01	-1.609E-03	4.630€ 02	5.723E 02	-1.3618 01	-4.905E-0
102.900		1.1	4	-	-4.469E-01	-1.563E-03	4.4456 02	5.7CEE 02	-1.3626 01	-4.765E-02
103.000	90.000	1.6	4	18.68	-4.468E-01	-5.624E-04	4.644E 02	5.693E 02	-1.3626 01	-1.7756-0
103.100	96.100	1.8	¥	18.63	-4.466E-01	-5.694E-04	4.644E 02	5.6786 02	-1.3616 01	-1.736E-C
103-200	90.200	1.9	36	-	-4.466E-01	-1.201E-03	4.651E 02	5.445E 02	-1.361E 01	-3.661E-0
103.300	90.300	1.7	36	18.55	-4.465E-01		4.6626 02	5.6546 02	-1.3616 01	-5.532E-0
103.400	90.400	1.8	7				4.658E 02	5.4396 02	-1.3416 01	-6.836
103.500	90.500	1.5					4.6666 02	5.479F 02	-1.3616 01	•
103.600	90,600	1.9	36		-4.465E-01		4.6686 02	5.6196 02	-1-3418 01	-8.436
103. 700	90.700	1.6	1.027E 00		-4.465 E-01	-2.958E-03	4.4596 02	\$.404F 02		
103.800	90.800	1.0	2			1046-03	A.440E 02			
103-900	000.00	0.1	, 4			-7. 40 7E-04		2000	10 3176	ŧ
104.000	000-10	1.8		•			2000			
100			2 2	•		1010	200.	30 36 36		ŧ
701	200		,				20 2000	20 3256 05	10 11 11	-1.3231-0
2000	002-16		-	2:	10-1600-6-	11.000	20 340.4	20 306 05	10 3100	-
104-300	005-16	2:	1.00% 00	2 :	-4.466E-01		4.5756 02	5.5176 02	-1.3616 01	-5.9031-0
2	004-16	8.1	2E		-4-465E-01	-1.098E-03	4.5476 02	6. 612c 03		TARKENO
				•		1				-

EXPERIMENTAL CATA

	ON LENGTH	VELOCITY	ACCEL.	TENSICA	LENGTH	VELOCITY	ACCEL.
LBS	Ħ	FT/SEC	FT/SEC/SEC	GRAP	*	CH/SEC	CM/SEC/SEC
1.001E		-4.466E-01	-2.114E-03				-6.445E-02
	-01 17.94	466	-2.041E-03		5.467E 02	-	-6.220E-02
		÷	-1.1336-03		5.451E 02	1.3626	-3.455E-02
1.00 TE		-4.467E-01	-5.469E-05	. 567E		1.362E	-1.6676-03
		•	3.062E-04	. 5646	700	1.3616	9.3346-03
		•	-8.675E-04	515E		1.3616	
		-4.463E-01	-1.961E-03	590E			
		-4.465E-01	-7.191E-04				-2.192E-02
.010E		•	-1.473E-03	4.58CE 02		•	-4.490E-02
0		-4.463E-01	-1.261E-03			.360E	-3.8446-02
ŏ		-4.465E-01	-1.338E-03				-4.080E-02
8		-4.465E-01	-1.977E-03	575E			-6.026E-02
8		-4.466E-01	-1.249E-03	580E		3616	-3.807E-02
.016E 00			-8-121E-04	3509		361E	-2.4756-02
.017E 00		-4.464E-01	1.005E-04	.611E	1.00	-1.361E 01	3.0635-03
		-4.464E-01	-1.31 SE-03	-614E		361E	-4.009E-02
		4	-2.082E-03	.630E		.362E	-6.345E-02
00		100	-1-0816-03	3449°		1.3616	
00			-1.475E-03	.624E			-4-496F-02
6		-4-466F-01	-1.2916-03	4238		3616	-3.934F-02
.022E 00	17.10	-4.466E-01	-1.819F-03	100.70	5.212E 02	341E	T
			-2.ARDF-03	624F		3626	C
.019E 00		-4.466E-01	-7.390F-04	623E		FIE	7
			-5-332E-04	-643E		362€	-1-6255-02
0	16.95	-4.466E-01	-5-9616-04	641E	5.167E 02	-1.361E 01	
024E 00		-4.466E-01	-1.295E-03		275	.361E	-3.946E-02
		.465	-4.457E-04	-651E	-	.361E	E
		-4.465E-01	-4-129E-04	647E	- 55	.361E	-1.258F-02
021E 0	16.77	-4.464 E-01	-3.623E-04	.629€	-	3196	-
		-4.465E-01	-9.837E-04	-		3196	-2.998E-02
			-2.176E-03	-			-6.632E-02
		-4.466E-01	-2.913E-03	773	1755		-8.880E-02
		-4.468E-01	-3.924E-04	-30			-1.1966-02
	_	-4.466E-01	-6.993E-04	4.6488 02	100	-1.361E 01	-2.132E-02
		-4.466E-01	-8.292E-04	-	3.70	3196	-2.527E-02
023E 00		-4.466E-01	-1.750E-03	4.640E 02			-5.334E-02
.022E 00		-4.465E-01	-5.592E-04			361E	-1.704E-02
	16.37	465	-1.222E-03	306		361E	-3.7236-02
		494	-1.189E-03	166		1.3616	
		465	-1-071F-03	127		3416	
		-5446	11 9006-03	1336			2003
		13404	4 ,			10001	
3610	•	. 400	2.12	-621E	4.938E 02	1.3616	-8.3146-02
	•	0	622			1.3616	
	16.	9	.340	326			. 545
021E (7	277	2	200	-		2 470
	20.00	10-30000	10-13 3E-04	4.030E 02	30 35 60 0		70-11-05

EXPERIMENTAL CATA

RCOR	RUN	. 1350	TENSION	LENGTH	GTH VELOCITY	ACCEL.	TENSICN	LENGTH	TH VELOCITY	ACCEL.
SEC	SEC	DEG	185	T.	FT/SEC	F1/SEC/SEC	GRAP	5	CM/SEC	CM/SEC/SEC
00.200	96.200	1.8	36	15.98	-4-465F-01	-3.657E-04	4-624F 02	2114	-1.3616 01	
00.300	96.300	1.1	1.019E 00	15.93		-1.820E-03	4.621E 02	4.E54E 02	-	. 10
004.60	96.400	1.6	75	15.89	-4.465E-01	-1.274E-03			319E.	
005.60	96.500	1.6	30	15.83	-4.466E-01	-2.227E-03	9619		-1.361E 01	-6.788E
009-60	96.600	1.6	2E	15.79	-4.464E-01	-2.510E-03			319€	-7.651E-
00. 100	96.700	1.7		15.74	-4.466E-01	-1.987E-03	***		-1.361E 01	-6.055F-02
008.60	96.800	1.8	8	15.69	-4.465E-01	3.151E-04	4.623E 02		319€	9.605E-03
006.60	96.900	1.8	*	15.66	199	-7.055E-04			-1.362E 01	
10.000	97.000	1.8	31	15.63	-4.465E-01	-6.542E-04			319E.	-1.994E-02
110-100	97.100	1.9	-	15.58	-4.465E-01	-1.41 7E-03			-1.361E 01	
110.200	97.200	1.6	96	15.54	-4.464 E-01	-3.527E-04			.361E	-1.075E-02
110.300	97.300	1.5	9E	15.50	-4.465E-01	-1.559E-03			.361E	-4.753F
110.400	97.400	1:1	1.016E 00	15.45	-4.466E-01	-1.125E-03			-1.361E 01	-3.430F
110.500	97.500	1.6	w	15.42	-4.466E-01	-1.036E-03			-1.361E 01	-3·159F-02
110.600	97.600	1.8	*	15.37	-4.468E-01	-2.602E-03			•	-7.9326-
110.700	97.700	1.0	1.0196 00	15.31	-4.466E-01	-1-460E-03				-4.451E-
110.800	97.800	1.8	2	15.28	-4.465E-01	3.3706-04	4.638E 02	4.458E 02	-1.361E 01	•
10.900	97.900	1.1	-	15.23	-4.467E-01	-8.641E-04	4.642E 02	4.641E 02	-1.362E 01	-2.6346
111.000	98.000	1.7	1.018E 00	15.19	-4.466E-01	-1.417E-03		4.629E 02	-1.361E 01	•
11.100	98.100	1.7	w	15.13	-4.466F-01	-1.111F-03			-1.361E 01	-3.386E-
11.200	98.200	1.8	0 3	15.08	-4.466E-01	-1.039E-03		4.558E 02	-1.361E 01	167
111.300	98.300	1.0	1.016E 00	15.05	-4.466E-01	-1.375F-03			-1.361E 01	•
11.400	98.400	-:	×	15.00	-4.466E-01	-1.340E-03			•	-4.084E-
1111.500	98.500		9	14.94	-4.467E-01	-1.544E-03			-1.362E 01	.705
11.600	98.600	1.5	1.021E 00	14.93	-4.465E-01	-2.412E-03			-1.361E 01	-7.353E-02
11.700	48.100	1.0	E 0	14.88	-4.465E-01	-9.338E-04			.361	-846E-
11.800	98.80	1:1	1.02% 00	14.85	-4.465E-01	2.926E-04	96		-1.361E 01	8.918E-03
11.900	28.900		1.026E 60	14.80	-4.468E-01	-6.016F-04	_		-1.362E 01	-1.834E-
112,000	000.66	1.9	3	14.76	-4.466E-01	-8.381E-04	4.634E 02		-1.361E 01	-2.554E-02
12.100	99.100	1.8	1.024E 00	14.72	•	4.601E-04			-1.361E 01	1.402E-02
12.200	99.200	1.8	1.023E 00	14.67	-4.464E-01	-1.682F-03			-1.361E 01	-5.128E-02
112.300	99.300	1.6	1.023E 00	14.63		-2.561F-03			-1.361E 01	-7.807E-
17.400	99.400	1.5	¥.	14.60	*94.	-1.539E-03			-361E	-4.692F
112.500	99.500	1.6	1.014E 00	14.55	-4.447E-01	4.664E-02				1.422E
15.600	009.66	1.8	SE.	14.50	-4.340E-01	1.51 76-01				4.624E
112. 700	29. 100	1.6	36	14.44	-4.147E-01	2.221E-01			-1.264E 01	6.77GE
117.800	99.800	1.8	1.011E 00	14.40	-3.912E-01	2.511E-01	4.587E 02		-1.192E 01	7.653E
12.900	99.900	1.7	W.	14,36	-3.663E-01	2.496F-01			-1.116E 01	7.60SE
13.000	100.000	1.8	w.	14.33	-3.425E-01	2.3936-01	ш		-1.044E 01	7.293E
13.100	100.100	1.8	1.009E 00	14.30	-3.192E-01	2.3486-01			-9.730E 00	7.157E
113.200	100.200	1.9	w	16.27	-2.964E-01	2.327E-01	30		.034	. 092
13.300	100.300	1.0	T.	14.25	-2.749E-01	2.3376-01	_		-8.379E 00	7.123E
113.400	100.400	1.9	36	14.23	-2.525E-01	2.3336-01		ш	-7.657E 00	7.110E
113.500	100.500	2.0	1.000E 00	14.21	-2.299E-01	2.331E-01	4.536E 02	4.330E 02	•	7.104E
13.600	100.600	1.8	35	14.18	-2.075E-01	2.3246-01	4.566E 02	322E	-6.324E 00	7.084E

EXPERIMENTAL CATA

				FNGL	ENGLISH UNITS	************		WETRIC UNITS	UNITS		
RCOR	RUN	OSCL.	TENSION	LENGTH	VELOCITY	ACCEL.	TENSICN	LENGTH	VELOCITY	ACCEL.	
SEC	SEC	DEG	188	Ħ	FT/SEC	F1/SEC/SEC	GRAP	ð	235/42	CH/SEC/SEC	
13.800	100.800	1.9	1.001E 00	14.14	-1.626E-01	2.296E-01	4.540E 02	4.21CE 02	-4.955E 00	6.998E 00	
13.900	100.900	1.9		14.13	-1.406E-01	2.297E-01	4.565E 02	4.30EE 02	-4.286E 00	7.001E 00	
14.000	101.000	1.5	1.005E 00	14.13	-1.182E-01	2.345E-01	4.558E 02	4.3CEE 02	-3.603E 00	7.1476 00	
14.100	101.100	1.5		14.11	-9.512E-02	2.326E-01	4.539E 02	4.30CE 02	-2.899E 00	7.091E 00	
14.200	101.200	1.9		14.11	-7.303E-02	2.255E-01	4.551E 02	4.302E 02	-2.226E 00	6.874E 00	
14.300	101.300	1.9		14.08	-5.184E-02	2.245E-01	4.546E 02	4.292E 02	-1.580E 00	6.8436 00	
14.400	101.400	1.9		14.08	-3.054E-02	2.158E-01		4.290E 02	-9.308E-01		
14.500	0.0	2.0		14.08	-1.369E-02	1.408E-01	4.554E 02	4.292E 02	-4.172E-01	4.292E 00	
14.600	0.0	2.0		14.09	-5.162E-03	5.797E-02	4.582E 02	4.2546 02	-1.573E-01		
14.700	0.0	2.0		14.10	-2.744E-03	1.082E-02	4.556E 02	4.256E 02	-8.362E-02		
14.800	0.0	2.0		14.10	-2.567E-03	-6.062E-03	4.590E 02	4.25 EE 02	-7.824E-02	-1.848F-01	
14.900	0.0	2.0		14.10	-3.166E-03	-6.804E-03		4.258E 02	-9.650E-02	-2.074F-01	
15.000	0.0	2.1		14.12	-3.545E-03	-3.471E-03	4.564E 02	4.302E 02	-1.081E-01	-1.058F-01	
15.100	0.0	1.9	100	14.11	-3.669E-03	-2.393E-04		4.30iE 02	-1.1106-01	-7.293E-03	
15.200	0.0	1.9	100	14.12	-3.677E-03	1.0745-03	4.581E 02	4.304E 02	-1.1216-01	3.273E-02	
15.300	0.0	1.9		14.12	-3.501E-03	1.067E-03	4.575E 02	4.302E 02	-1.067E-01	3.252E-02	
15.400	0.0	2.0		14.11	-3.517E-03	1.7095-04	4.591E 02	4.30CE 02	-1.072E-01	5.209E-03	
15.500	0.0	1.9		14.09	-3.504 E-03	-4°040E-04	4.584E 02	4.295E 02	-1.0616-01	-1.2316-02	
15.600	0.0	1.9		14.11	-3.377E-03	-6.289E-04	4.580E 02	4.301E 02	-1.029E-01	-1.917E-02	
15.700	0.0	1.5		14.10	-3.400E-03	-6.303E-04	4.595E 02	4.258E 02	-1.036E-01	-1.921E-02	
15.800	0.0	1.9		14.11	-3.413E-03	-6.310E-04	4.587E 02	4.300E 02	-1.0406-01	-1.923E-02	
15.900	0.0	1.5		14.09	-3.359E-03	-9.563E-04	4.583E 02	4.25tE 02	-1.024E-01	-2.915E-02	
16.000	0.0	1.9	1.012E 00	14.09	-3.362E-03	-8.606E-04	4.591E 02	4.254E 02	-1.025E-01	-2.623E-02	
16.100	0.0	2.0		14.10	-3.432E-03	-9.618E-04	4.585E 02	4.257E 02	-1.046E-01	-2.932E-02	
16.200	0.0	2.0		14.10	-3.322E-03	-8-107E-04	4.587E 02	4.295E 02	-1.013E-01	-2.471F-02	
16.300	0.0	1.9	1.011E 00	14.10	-3.320E-03	-8-053E-04	4.588E 02	4.258E 02	-1.012E-01	-2.454F-02	
16.400	0.0	2.0		14.11	-3.215E-03	-5.147E-04	4.584E 02	4.301E 02	-9.758E-02	-1.569E-02	
16.500	0.0	2.0	197	14.11	-3.212E-03	-7.246E-04	4.584E 02	4.301E 02	-9.790E-02	-2.209E-02	
16.600	0.0	2.0		14.11	-3.218E-03	-5.312E-04	4.588E 02		-9.809E-02	-1.619F-02	
16.700	0.0	2.0	_	14.12	-3.1176-03	-4.826E-04	4.5876 02	4.302E 02	-9.501E-02	-1.4716-02	
16.800	0.0	1.9	1.010E 00	14.12	-3.224E-03	-7.479E-04	4.583E 02	4.302E 02	-9.826E-02	-2.279E-02	
	0.0	1.9		14.11	-3.335E-03	-6.740E-04	4.586E 02	4.302E 02	-1.016E-01	-2.054E-02	

EXPERIMENTAL CATA

	PARAMETERS ABLE MATERIAL INECTION. CCELERATION. ELOCITY, FPS ECCLERATION, INTIME, SEC NITIAL LENGTH	FP S2 FT FT	NYLON PAY-OUT 1.00 1.00 42.00 5.00 46.00	OSCILLATOR PARAMETERS MODE		0.0 0.0 0.0	CATA PARAMETERS 10	7ERS 63 60 60 00 6.140E-01 4.56 0E-01
100	TENSTON	LENGTH	- ENGLISH UNITS	ACCEL.	TENSICN	L ENGTH	C UNITS VELOCITY	ACCEL.
ANGLE	.E. L85	ts	FT/SEC	FT/SEC/SEC	GRAP	å	CM/SEC	CM/SEC/SEC
-	7 1.0CTE 00	7.21	-1.5296-02	-6.947E-03	4.567E 02	. 156E	-4.660E-01	-2.1175-01
-	8 1.003E		-1.501E-02	-6.421E-03			-4.575E-01	-1.957E-01
-	1.002E		-1.4236-02	-6.421E-03	4.545E 02		-4.338E-01	-1.957E-01
: -		7. 23	-1.4495-02	-6.332E-03	4.345E 02	2.202E 02	-4.358E-01	-1.930E-01
-	- 39.96.6	7.24	-1-390F-02	-5.6336-03			-4.2376-01	-1.7176-01
-	9.	7.23	-1.382E-02	-5.650E-03			-4.213E-01	1.722E
-	9.	7.22	-1.406E-02	-5.146E-03			-4.286E-01	1.569E-
-	. 9.	7.21	-1.414E-02	-6.337E-03			-4.310E-01	-1.932E-01
: .	•	7.23	-1.364E-02	-6-106E-03		2.202E 02	-4-158E-01	-1.861E-01
: -	9.76/5-01	1.24	-1.3335-02	-5.594E-03	4.521E 02	2.2CEE 02	10-3490.4-	-1.705E-01
: -		7.25	-1-366F-02	-5.742F-03		2.2056 02	14.0436-01	-1.8325-01
-	6.6	7.22	-1.3936-02	-6.527E-03			-4.246E-01	-1.989E-01
-	9.	7.21	-1.390E-02	-6.387E-03		7	-4.237E-01	-
-		7.22	-1.409E-02	-6.246E-03			-4-254E-01	-1.904E-01
-	.6	7.23	-1.403E-02	-6.296E-03			-4.277E-01	-1.919E-01
: .	•	7.23	-1.4076-02	-6.031E-03		2.2046 02	-4.290E-01	-
:.		7 33	-1.390E-UZ	-5.3095-03	4.524E 02	20.4E 02	10-386-01	
-	•	7.25	-1 3398-02		4. 520E 02		10-34-27-4	10-170-1
2.		7.27	-1.283E-02	-5.912E-03		2155	-3-9105-01	-1.802F-01
-1	9.	7.28	-1.286E-02	-5.608E-03	4.530E 02		-3.919E-01	-1.7095-01
-	.6 6		-1.325E-02	-5.227E-03			-4.038E-01	-1.593E-01
-	8 9.98ZE-		-1.282E-02	-5.619E-03		-	-3.9CBE-01	
-	1.00ZE		-1.285E-02	-5.372E-03	4.544E 02	2.219E 02	-3.916E-01	-1.637E-01
7	1 1.012E		-1.220E-02	-4.634E-03	4.592E 02	2.219E 02	-3.719E-01	-1.412E-01
-	B 1.003E		-1.239E-02	-5.697E-03		2.217E 02	-3.778E-01	-1.737E-01
-	1.011E	1.28	-1.248E-02	-4.723E-03		100	-3.805E-01	-1.440F-01
-:	1.006E		-1.270E-02	-5.494E-03		2.219E 02	-3.670E-01	-1.675E-01
,,	-	1.21	-1.1996-02	-5.160E-03	4.5891 02	2.217E 02	-3.653E-01	-1.573E-01
: -:	9 1.022E		-1.226E-02	-4.194E-03		.216E	-3.7378-01	-1.278E-01
2	0	7.29	-1.237E-02	-5.472E-03	4.5496 02	2.221E 02	-3.771E-01	-1.668E-01

EXPERIMENTAL CATA

		TENSION	LENGTH	VELOC 1 TV	ACCEL.	TENSICN	LENGTH	VELOCITY	ACCEL.
SEC SEC	DEG	188	t	FT/SEC	FT/SEC/SEC	GRAP	5	CW/SEC	CM/SEC/SEC
3.400 0.0	1.9		7.24	-1.326E-02	-4.896E-03	44E	2.205E 02	-4.042E-01	-1.492E-01
0.0 00	1.9	-001E	7.23		-5.166E-03	542E		-3.8856-01	-1.574E-01
	1.6	.!.	7.24	-1.276E-02	-4.403E-03	346			-1.342E-0
	2.0		7.25	-1.2716-02	-5.166E-03	34€		-3.6746-01	-1.574E-0
	1.5		7.23	-1.309£-02	-5.071E-03	30 %			-1.546F-01
	1.9		7.24		-5.024E-03	301			-1.5316-0
	1.5	ш	7.22	-1.3216-02	-5.221E-03	394		-4.026E-01	-1.5916-01
	1.6		7.22		-3.035E-03	15E		-4.043E-01	-1.535E-01
	1.9		7.23	-1.323E-02	-5.619E-03	4.546E 02		-4.032E-01	-1.7135-01
	1.1		7.23	-1.3566-02	-5.664E-03			-4-134E-01	
	1.8		7.23	-1.351E-02	-5.99 8E-03	565E		-4-117E-01	-1.828E-01
	1.8		7.22	-1.3596-02	-5.987E-03	560E		-4-144E-01	-1.825E-0
	1.9	ш	7.22	-1.344E-02	-5.717E-03	564E			-1.742F-01
	1.9		7.22		-6.343E-03	563E		-3.960E-01	-1.9336-0
	1	1.005E 00	7.22	-1.329E-02	99	309S			-1.7346-01
	-		7.23	-1.289E-02	-5.096E-03	560E		-3.528E-01	-1.553E-01
	-	-006E	7.24	-1.282E-02	-5.319E-03	561E		-3.909E-01	
	-	1.005E 00	7.24	315	-5.149E-03	560E		.068	-1.569E-01
5.200 0.0	1.8	1.005E 00	7.24	-1.276E-02	-5.257E-03	559E			
	-	-004E	7.24	-1.263E-02	-5.257E-03	554E		.849	
	-		7.24	-1.289E-02	-4.896E-03	554E		-3.928E-01	-1.492E-0
	-		7.26	-1.3326-02	-5.32 7E-03	4.549E 02		-4.061E-01	624
0.0 009	-	1.004E 00	7.24	-1.320E-02	-5.472E-03			-4.025E-01	-1.668E-01
	-		7.23	-1.312E-02	-5.296E-03	3€		-4.000E-01	-1.6146-01
	-	1.005E 00	7.24	-1.296E-02	-5.411E-03	57E		-3.950E-01	-1.649F-01
	-	ш	7.24	-1.346E-02	-4.896E-03			-4.103E-01	-1.492F-01
	-	u	7.23		-4.859E-03	4.557E 02		-4.185E-01	-1.481F-0
	-		7.23	-1.366E-02	-5.394E-03	386		-4.163E-01	-1.644F-01
200 000	1.9	ш	7.22	-1-364E-02	-5.450E-03	57E	2.201E 02	-4.158E-01	-1.6616-01
	-	_	7.23	-1.321E-02	-6.276E-03			-4.026E-01	-1.913E-01
0.0 004	-	1.005E 00	7.23	-1.339E-02	-5.175E-03				-1.791F-01
	-		7.24	-1.342E-02	-5.104E-03			10-3060·4-	-1.556F-01
	-	1.006E 00	7.25	.331	-5.678E-03	919		-4.055E-01	-1.7316-01
	7		7.25	-1.342E-02	-4.857E-03	4.556E 02			-1.4806-01
900 000	-		7.25	.309	-4.665E-03			-3.988E-01	-1.422E-01
	-	1.006E 00	7.26	-1.307E-02	-4.642E-03				
	1.5		7.26	-1.314E-02	-5.238E-03			-4.0C6E-01	-1.597E-01
_	1.9	1.006E 00	7.26	-1.343E-02	-4.910E-03			-4.093E-01	-
-	1.6		7.25		-5.34 7E-03			-138E-	-1.630F-01
0.0 00	1.9		7.25	.343	-4.968E-03			-4.092E-01	-1.514F-01
_	1.9	007E	7.26		-5.368E-03			165	-1.642F-0
_	1.0		7.25	-1.333E-02	-4.915E-03			-4.063E-01	-1.498F-0
	1.9	1.006E 00	7.24	-1.348E-02	-5.703E-03	4.562E 02	2.2076 02	-4.110E-01	-1.738F-01
			7.24		-5.257E-03	5636		120	-1.602F-01
.0	1.5		7.24		-5.544E-03	3446		-4-175F-01	10466
									٠

EXPERIMENTAL DATA

RCDR	S C S	0501.	TENSION		LENGTH	VEL OC ITY	ACCEL.	TENSICH	LENGTH	-	VELOCITY	ACCEL.
20.	SEC	DEG	185		14	FT/SEC	FT/SEC/SEC	GRAP	3		CP/SEC	CM/SEC/SEC
000	0.0	1.9	9	00	7.24	-1.369E-02	-5.853E-03	4.5648 02			-4-172E-01	-1.7846-01
001.	0.0	1.6	1.006E 0	00	7.26	.341	5	561E	2,212E	E 02	-4.087E-01	-9119.
500	0.0	5.0	4	00	7.26	99	-5.341E-03	3555			-4.146E-01	-1.628E-01
8.300	0.0	2.0	w w	000	1.26	-1.303E-02	-4.932E-03				-3.973£-01	-1.503E-01
004	0.0	1.9	ž	00	7.26	-1.329E-02	-4.784E-03	560E			-4.050E-01	-
1.500	0.0	2.1	SE.	00	7.26	-1.332E-02	-4.982E-03				-4.061E-01	-1.518F-01
009	0.0		ž	00	7.27	-1.311E-02	-4.498E-03	3885			-3.995E-01	1.371
100	0.0	1.9	1.005E 0	00	7.27	-1.306E-02	-4.489E-03	558E			-3.581E-01	-1.368F-01
8.800	0.0	1.6	3	00	7.25	-1.329E-02	-4.768E-03			-	-4.0516-01	1.453
000	0.0	2.0	*	00	7.25		-5.347E-03	557E		-	-4.171E-01	:
000	0.0	1.5	1.005E 0	00	7.26	-1.324E-02	-5.099E-03	3655	2.212E	-	-4.036E-01	:
001	0.0	1.1	¥	00	7.25	-1.360E-02	-4.929E-03	563E				
002	0.0	1.9	36	00	7.25	m	-5.196E-03	563E			-4.094E-01	-1.584E-01
900	0.0	1.0	3	00	7.24	-1.364E-02	-5.026E-03	562E			-4.157E-01	532E-
001	0.0	1.6	1.00TE 0	00	7.23	-1.310E-02	-5.74.2E-03	368E			-3.9528-01	-1.750E-01
200	0.0	1.5	7	000	7.24	-1.362E-02	-5.385E-03				-4.151E-01	-1.641E-01
009	0.0	1.9	*	2	7.25	3	-6.090E-03				-4.104E-01	-1.856E-01
200	0.0	1.5	×	00	7.26	-1.331E-02	-5.102E-03			E 02	-4.055E-01	-1.555E-01
900	0.0	2.0	3	90	7.26	-1.327E-02	-5.090E-03				-4.044E-01	
006-6	0.0	1.9	*	00	7.26	-1.320E-02	-5.166E-03				-4.023E-01	-1.574E-01
000	0.0	2.0	SE.	00	7.27	-1.332E-02	-4.993E-03				-4.059£-01	-1.522E-0
00	0.0	1.9	1.004E	00	1.27		-4.258E-03	4.556E 02		E 02	-3.841E-01	
002	0.0	-	w !	2	97.	-1.318E-02	-4.564E-03		~		-4.018E-01	-
000	0.0	6.1		0	92.	662.	-4-698E-03				-3.548E-01	ä.
200		3	2	3	5.5	176.	50-3610-6-	2002			10-3970-6-	-
200		::	2 5	25	1.20	506	-3-3121-03	2006			10-36196-6-	
200			¥ 5	3	1.50	197.		2035			-3.9226-01	
00	0.0	1.9	w :	0	1.26	1.335	-5.441E-03				10-1010-4-	-
000	0.0		w .	9	1.25	-1.339E-02	-5.052E-03	558E			-4.081E-01	:
004	0.0	-		00	1.65		-5.239E-03				-+.122E-01	. 594
000	0.0	1.5	w :	00	1.24	369	-4.915E-03				-4-1746-01	1.49
001	0.0	2.0	w :	0	7.26	1.300	-5.917E-03	562E	2.212E	_	-3.961E-01	-
1.200	0.0	P. 1	w S	00	1.25	1.327	-5.884E-03			_	-4.045E-01	-7697-
11.300	0.0	1.9	ZE.	00	7.26	-1.3436-02	-5.566E-03				-4.0936-01	1.
11.400	0.0	2.0	SE.	00	1.26	596	-4.581E-03			_	-3.950E-01	
11.500	0.0	6.1	w	00	1.27	-1.289E-02	-4.865E-03			-	-3.530E-01	
11.600	0.0	2.0	SE	00	7.27	-1.307E-02	-4.542E-03			_	-3.584E-01	
002	0.0	2.0	3E	00	7.27	-1.247E-02	-4.821E-03			-	-3.6016-01	-1.469E-01
900	0.0	1.9	×	00	7.28	-1.291E-02	-4.773E-03	557E		-	-3.934E-01	
006	0.0	1.9	3E	00	7.28	-1.306E-02	-5.238E-03	3666		-	-3.580E-01	-597E
000	0.0	1.9	w.	90	7.25	-1.297E-02	-5.026E-03	4.564E 02		-	-3.952E-01	
001	0.0	1.0	99	00	7.25	-1.309 E-02	-4.837E-03	5628			-3.991E-01	-1.474F-01
500	0.0	1.5	96	00	7.25	-1.309E-02	-4.751E-03	562E		-	-3.991E-01	-448E-
12.300	0.0	1.9	1.005E 0	00	7.25	-1.314E-02	-4.815E-03	360E		0	-4.005E-01	-1.468E-01
000		•		•								
	0.5		1		97-1	-1.289E-02		4.5636 02		£ 02	-3-929F-01	-1-66RF-01

EXPERIMENTAL DATA

RCOR RUN	0501.	TENSION	LENGTH	VELOCITY	ACCEL.	TENSICH	LENGTH	VELOCITY	ALLEL
360	DEG	185	F	FT/SEC	FT/SEC/SEC	GRAP	5	CM/SEC	CM/SEC/SEC
12.600 0.0	1.5	1.006E 00	7.25	-1.3216-02	5			-4.026E-01	-1.626E-0
0.0 00	2.0	1.004E 00	7.25	-	-5.436E-03	4.555E 02	2.210E 02	T	1.657E-
	1.9	1.005E 00	7.25	-1.276E-02	-5.447E-03				-660F
	5.0	1.005E 00	7.26	.302	-5.277E-03			1	1.608E-
•	5.0	1.004E 00	7.27	.277	÷			1	1.4886
	1.9	1.004E 00	7.27	1.278	÷			-3.857E-01	24.7F
	2.	9.435E-01	7.27	717	2.015E-01	2798		-8.280E-02	140E
	2.	9.151E-01	7.29	-108E-	8-906E-01	151E		1.862E 00	115€
	2.	1.008E 00	7.31	1.705E-01	1.190E 00	574E		5.158E 00	62 BE
00 0.300	1.9	9-116F-01	7.35	848	1.1236 00	135E		8.681E 00	424E
	2.	9-934F-01	7.37	974	9-943F-01			1.1816 01	
	2.0	9.255F-01	7.42	4-786F-01	9-0756-01			1.459E 01	
	-	9.533F-01	7.50	9	8-671E-01	4.3246 02			
3.900 0.700	2.0	9. 5.14E-01	7.56	0	8.587E-01			1.9796 01	
	1.0	9. 107E-01	7.64		8-642E-01				-
00000		9.412E-01	7.72	100	8.44.5E-01	4.360F 02		2.4976 01	2.4416 0
1,000		C 2306-01		0 0406-01	20000			2.7846 01	-
		10-36670	700.	10400	9-95 36-01			10 30000	
		10-3076-6		70-3989·6	8-6285-01	4.213E 02		10 3610.6	-
4.400 1.200	2.3	9-3746-01	8.8	1.074E 00	8-632E-01			3.2736 01	_
	1.6	9.2596-01	8.18	.158E	8.617E-01			3.530€ 01	
-	2.2	9.341E-01		1.239E 00	8.604E-01			3.7766 01	-
7	2.3	9-114E-01	8.45	.323E	8.612E-01			•••	
-	1.5	9.289E-01	8.60	.406E	8.686E-01				-
-	1.7	9.052E-01	8.76	306₺	8.537E-01				-
5.000 1.800	1.7	9.058E-01	8.92		8.532E-01			4.758E 01	2.601E 01
		9.182E-01	9.10	.658E	8.544E-01				-
		9.138E-01	9.26		6.867E-01				2.093E 01
		9.432E-01	9.45		3.362F-01			_	-
		9.184E-01	9.64		7.502E-02				2.286E 0
		9.282E-01	9.80		-3.481E-02				-1.061E OC
5.600 2.400		9-1725-01	9.95	1.794E 00	4.888E-02		3.6336 02	5.467E 01	-1.4906 0
		2	10.12	.791E	-2.856E-02				-1.705F-01
		2	10.29		-4.214F-03				ä
		2	10.47	-791E	1.6066-03				895F
		2	10.65	-791E	-2.366E-04				-7.211E-0
		5	10.84		-4.723E-03				-1.4406-01
		Z	11.03	-791E	-5.508E-03			3094·	-1.679E-01
6.300 3.100		9.432E-01	11.20	1.791E 00	5.205E-04		3.413€ 02	5.459E 01	1.586F-02
		2	11.38		3.482E-03			-460E	-
	1.5	2	11.55		3.295E-03			3194.	1.004E-01
		5	11.74		-3.412E-03		STIE	-462E	•
		2	11.91		-5.093E-03		90E9	.462E	
		5	12.07		-5.363E-03		478E	-459E	-1.6356-01
16.900 3.700		3	12.24	1.791 E 00	-2.527E-03		73.2E	-458E	
		ş							
		9	75-77	1.7915 00	8-461E-04	4-235F 02	737E	5-459E 01	2.5795-02

EXPERIMENTAL CATA

SCOR.	NO.	OSCL.	TENSION	LENGTH VELOCE	VELOCITY	ACCEL.	TENSICK	LENGTH	VELOCITY	ACCEL.
SEC	250	DEG	1.65	F1	FT/SEC	FT/SEC/SEC	GRAP	5	CHISEC	CM/SEC/SEC
7.200	4.000	2.1	9-237E-01	12.79	1.7916 00	-1-8935-03	4-190F 02	BERE	5.458F 01	-8-749F-03
17.300	4.100	1.8	9.2846-01	12.95	1.791E 00		4.211E 02	3.9486 02	5.459E 01	-1.999E-01
1.400	4.200	2.3	9.365E-01	13.13		-6.849E-03		001E	5.458E 01	-2.088E-01
1.500	4.300	1.7	-396	13.31	**	-2.257E-03	-	39€	5.459£ 01	-6.880E-02
009 -	4.400	2.2	-391	13.49		-1.222E-03	-	1116	369	124
. 700	4.500	2.0	57E-	13.68		5.733E-04		-	5.459E 01	1.7485-0
. 800	4.600	1:0	-991	13.66		-1.305E-03		1700	5.461E 01	979
.900	4.700	2.3	9.252E-01	14.04	***	-4.656F-03	4.197E 02	279E	5.460E 01	-1.4196-01
000	4-800	2.4	9.308E-01	14.23		-3.896E-03	4.222E 02	-	5.460E 01	188
1000	4.900	2.3	9.196E-01	14.40		-3.295E-03	-		5.459E 01	3
1.200	2.000	1.8	9.235E-01	14.57		-1.035E-03	_	_	5.458E 01	156
1.300	5.100	2.2	9.376E-01	14.74		-5.455E-04			5.459E 01	-1.663E-0
004-	5.200	1.1	9.331E-01	14.91		-3.61 8E-04		43E		-1-103E-02
1.500	5.300	2.3	9.234E-01	15.08		-4.581E-03		-	5-457E 01	396
009-	2.400	1.5	9.271E-01	15.27		-5.3946-03	4.205E 02		5.458E 01	**
002.	5.500	2.1	9.290E-01	15.43		-2.619E-03				-7.983E-02
9. 800	2.600	2.0	9.151E-01	15.60		-3.663E-03		155E	-	116
006-	5.700	1.9	9.232E-01	15.77		-3.0536-03		3808	5.456E 01	306
0000	2.800	2.1	9.286E-01	15.94		-3.020E-03		855E	457E	N
001-	2.900	2.3	9.251E-01	16.13		-3.387E-03		915E	5.458E 01	032
002.	9.000	1.6	9.2596-01	16.30	w	-7.487E-04		3696	30	282
900	6.100	2.3	9.2466-01	16.49		-3.471E-03	4.194E 02	-	5.458E 01	2
.400	6.200	5.5	9.213E-01	16.67		-2.254E-03		082E		-6.871E-02
.500	6.300	2.2	9.2486-01	16.85		-4.0336-03	_		5.458E 01	-1.229E-0
. 600	6.400		9.293E-01	17.02		-5.458E-03		1965	5.457E 01	3
. 100	005-9	1:2	9.175E-01	17.20		3.6186-05			5.458E 01	-
. 800	9.600	1.7	9.2346-01	17.37		8-350E-06		_	38	245
. 900	6.700	2.3	28	17.55		1.261E-03	_	349E	5.458E 01	23
.000	9.800	2.3	9.2576-01	17.72	1.791E 00	-5.817E-03	4-1998 02	5.402E 02		113
100	9.900	2.2	-362	17.90		-6.170E-03	_	45SE		-1.8815-01
1.200	1.000	1.6	3	18.07		-5.923E-03	_	5C BE		808
300	7.100	2.3	-315	18.24		-2.811E-03	_		5.456E 01	-1.568E-02
004-0	7.200	1.8	32E-	18.42		2.396E-03		3419		30
2.200	7.300	2.3	-4	18.60		-1.44 ZE-03		3099·		-4.394E-02
009.	1.400	1.1	9.256E-01	18.77		-3.41 8E-03		120E	5.457E 01	-1.042E-01
002.0	1.500	2.4	9.236E-01	18.95		-6.056E-03			1	-1.846E-01
900	7.600	5.4	30E-	19.12		-7.039E-03		5.829E 02	5.455E 01	-2.145E-01
006-0	7.700	1.6	-361	19.32		-8.878E-04	-			-2.706E-02
.000	7.800	1.5	9.232E-01	19.50		-1.845E-03	1000	P.	5.457E 01	-5.624E-0
1.100	7.900	2.2	-309	19.61		7.153E-C4		9576	5.456E D1	2-180E-02
.200	8.000	2.2	9.282E-01	19.85		-9.407E-04	-	6.050E 02	5.459E 01	-2.867E-02
.300	8.100	2.2	9.207E-01	20.03		-5.063E-03	_	-	5.457E 01	-1.543F-01
004-1	8.200	2.3	9.2386-01	20.22		-4.127E-03	_		•	.258
. 500	8.300	5.4	9.280E-01	20.39		-5.360E-03	360	6.215E 02	5.454E 01	-1.634E-01
.600	8.400	1.6	-30E	20.56				6.268E 02	5.4546 01	642
200										

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EXPERIMENTAL DATA

																					*																				0.00						
ACCEL.	CM/SEC/SEC	-1.295E-01	-9.408E-02	984E-	-5.039E-02		-1.4336-01		:	100000	3-3000-05	-4.488F-02	-1.1476-01	-1.226F-01	-2.570F-01	-4.420E-02	-5.098F-02	1.0105-02	1.3156-02	-2.039E-01	-1.466-01	-1.846F-01	-8.856E-02	3.062E-02	-1.0246-01	20-1610-2	-2.360E-01	10.55.6	-1.2276-01	4-8695-02	-1.646F-01	-6.023€-02	-8-127F-02	-1.7425-01	-1.637E-02	-1.947E-01	-1.065E-01	577E-	-5.217E-02	122F	L	1.684E-	-1.804E-01	-1.257E-01	1.3726-01	-8.695E-02	1 7456.03
VELOCITY	CHISEC	5.4536 01	5.454E 01	5.453E 01	5.453E 01	5.453E 01	5-456E 01	10 3057 5	5.4676 01	20 31610	5.455E 01	5.456E 01	5.454E 01	2.4546 01	5.453E 01	5.452E 01	5.454E 01	5.4566 01	5.456E 01	5.458E 01	5.451E 01	5.453E 01	5.452E 01	5.4516 01	5.453E 01	30456	3.436E 01	10 3755-6	5.4525 01	5.4556 01	5.453E 01	5.453E 01	5.455E 01	5.454E 01	5.450E 01	5.452E 01	5.450E 01	5.451E 01	5.452E 01	5.451E 01	5.453£ 01	5.454E 01	5.453E 01	5.452E 01	5.458E 01	5.451E 01	
LENGTH	3	6.378E 02	6-429E 02																				7.442E 02					20 37170	7.8256 02	7.876E 02				8.090E 02		8.20CE 02			8.357E 02		8.470E 02	-					
TENSICN	GRAP		194E									4.214E 02						_											4.2096 02				-				4.2486 02		4.232E 02	-		4.230E 02	4.232E 02	4.205E 02	4.204E 02	4.188E 02	
ACCEL.	FT/SEC/SEC	-4.250E-03	-3.087E-03	-6.510E-03	-1.653E-03	-3.596F-03	-4.701E-03	20 4006	50-3604-5-	-4.393E-03	1 . 80 6E-03	-1.472E-03	-3.7636-03	-4.022E-03	-8.430E-03	-1.450E-03	-1.6736-03	3.312E-04	4.314E-04	-6.688E-03	-4.745E-03	-6.056E-03	-2.906E-03	1.005E-03	-3.359E-03	8.372E-04	-7.743E-03	-4.6016-03	-4-0246-03	1.5986-03	-5.399E-03	-1.976E-03	-2.666E-03	-5.714E-03	-5.372E-04	-6.387E-03	-3.4936-03	-2.814E-03	-1.712E-03	2.107E-03	-6.268E-03	-5.525E-03	-5.917E-03	-4,125E-03	4.500E-03	-2.853E-03	10 1000
VELOCITY	FT/SEC	1.789E 00			1.789E 00	789F		1 7016 00	2002		- 790E		- 790E		1.789€ 00	.789€			1.790E 00		-	1.789E 00	1.789E 00	-	-	-			1.789F 00	_	789€	-	.790E			-	-			123		-		ŏ	1.791E 00	1.788E 00	
LENGTH	11	20.92	21.09	21.26	21.42	21.61	21.79	31.04	22 16	61.13	22.32	22.49	55.69	22.66	23.04	23.22	23.37	23.55	23.72	23.90	24.07	24.24	24.45	24.58	24.76	****	25.14	25.30	25.67	25.84	26.03	26.20	26.36	26.54	26.71	26.90	27.07	27.25	24.72	27.61	27.79	27.98	28.15	28.33	28.49	28.68	
TENSION	185	9.2536-01	9.2465-01	9.2096-01	5.269E-01	9.2625-01	9.284F-01	2675-01	2415-01		1	1.	9.287E-01		1		9.245E-01	9.247E-01				9.280E-01			9.210E-01	7.41E-01	9.268E-01	10-3667.6	9-2805-01	9.336F-01	9.336E-01	\$.299E-01	9.278E-01	9.329E-01	9.345E-01	9.3796-01	9.364E-01	9.315E-01	9.330E-01	9.297E-01	.336	.329	9.3306-01	.270	. 269	9.2336-01	Ī
ANGLE.	DEG	1.9	2.6	2.1	1.1	2.3	2.1		2		2.5	2.5	2.3	2.2	1.1	1.9	2.3	2.3	5.5	1:1	2.2	2.4	1:1	1.7	2.0	20.3	5.2	***	2.4	2.2	2.3	2.3	2.3	2.5	1.9	2.1	2.3	1.1	1.6	1.5	2.3	2.2	1.1	1.5	2.3	2.4	
TEN	SFC	8.600	8.700	8.800	8.900	9-000	001-6	2000	2002	7.300	9.400	2.500	009.6	9.700	9.800	9.900	10.000	10.100	10.200	10.300	10.400	10.500	10.600	10.100	10.800	10.900	000-11	001	300	11.400	11.500	11.600	11.700	11.600	11.900	12.000	12.100	12.200	12,300	17.400	12.500	12.600	12.700	12.800	12.900	13.000	
RC DR	SEC	1.800	1.900	2.000	2.100	2.200	2.300	200	2000	2.200	2.600	2.700	2.800	2.900	3.000	3-100	3.200	3.300	3.400	3.500	3.600	3.700	3.800	3.900	000	001-	0.200	000	24.500	009-4	4.700	4.800	006*	25.000	2.100	9.200	9.300	2.400	5.500	2.600	9.100	2.800	2.900	0000-9	6-100	6.200	***

EXPERIPENTAL DATA

RCDR	222	טאכו	NC LVNUL	TLUNG T	VEL DC 17Y	ACCFL.	ZUSZEL	FNGTH	VFI OC 1 TY	ACCEL
TIME	116	ANGLE								
SEC	SEC	DEC	185	FT	FT/SEC	F1/SEC/SEC	GRAP	ð	CHISEC	CN/SEC/SEC
26.400	13.200	5.4	9.2C7E-01	29.01		-5.224E-03	4.176E 02	8.8428 02	5.452E 01	-1.592E-01
26.500		2.5	37E	29.19	.788E		167E	8		1
26.600		2.5	376				4.153E 02	8.553E 02	5.450E 01	-2.638E-0
26.700		1.6	10-30+1.5			-6.326E-03			5.44BE 01	-1.928E-01
26.800		2.2	9.159E-01	29.71		-2.060E-04			5.4516 01	-6.278E-0
26.900		2.3	9.181E-01	29.87		-2.586E-03	4.165E 02		5.449E 01	-7.881E-02
27.000		2.3	9.180E-01	30.05		-3.671E-03		. 158E	5.452E 01	
27.100		2.3	9.1936-01	30.22		7.487E-04			5.4506 01	2-282E-02
27.200		2.3	9.18ZE-01	30.39	1.788E 00	-6.913E-03		.263E	5.450E 01	-2.107E-01
27.300		2.1	-	30.57		-2.669E-03		.31 EE	5.450E 01	-8-135E-02
27.400		1.8	9.167E-01	30.78		-6.315E-03	SBE	. 381E	5.450E 01	-1.925E-01
27.500		2.5	35E	30.94		-4.932E-03	71E		5.4488 01	-1.503E-01
27.600		2.4	9.1765-01	31.12		7.34 BE-04		BEE	5.449E DI	2.240F-0
27.700		2.6	-	31.30	1.788€ 00	-4.105E-03	316		5.449E 01	-1.2516-01
27.800		2.4	9-137E-01	31.47		2.906E-03	344		5.451E 01	8-856E-02
27.900		2.4	9-1596-01	31.66	1.7896 00	-2.004E-03	54E		5-452E 01	
28.000		2.1	9.155E-01	31.83	1.788E 00	•	4.171E 02		5.449E 01	1.653F
28.100		1.6	9.198E-01	32.00		'		.754E		
28.200		1.6	33	32.19	1.788€ 00	-8.383E-03	4.170E 02		5.449E 01	-2.555E-01
28.300		2.3	9.155E-01	32.35		4.342E-04	_		5.448E 01	1.323E-0
28.400		2.1	9.175E-01	32.53		-5.232E-04	4.162E 02		5.448E 01	-1.595E-0
28.500		2.2	9-156E-01	32.71		1.3086-03			5.4486 01	3.987E-0
28.600		5.6	9.170E-01	32.88		2.811E-04			5.450E 01	8.568E-03
28.700		5.5	9.201E-01	33.05		•			5.448E 01	-2.704E-01
28.800		5.4	9.203E-01	33.23	1.787E 00				5.446E 01	-1.071E-01
28.900		2.3	9.1916-01	33.41		-6-	369		5.445E 01	-1.831E-01
29.000		2.0	9.1406-01	33.59			391		5.448E 01	-4.632E-0
29-100		1.5	9.127E-01	33.76	.788E				5.449E 01	3.597E-02
29,200	16.000	2.2	9.1496-01	33.95	-	-3.301E-03	4.150E 02	1.0356 03	5.452E 01	-1.006F-0
29600		5.5	196-	34.13					5.449E 01	-1.680E-02
29.400		1.9	3E-	34.31	1.788E 00	•	4.152E 02		5.450E 01	-1.296E-01
29.500		2.1	9.166E-01	34.48	.787E				5.447E 01	-1.154F0
29.600		1.9	9.153E-01	34.64	1.788E 00	-1.906E-03	_	1.056E 03	5.448E 01	-5.811E-02
29.700		2.0	9.192E-01	34.82			4.169E 02		5.448E 01	-2.142E-01
29.800		2.0	-310	35.01	.787E	-2.035E-03	_		5.4476 01	-101E
29.900		1.5	-30C	35.18					5.446E 01	-1.816E-01
30.000		2.0	-316	35.36	1.786E 00				5.44E 01	3.919E-02
30.100		2.1	9.181E-01	35.53	1.787E 00	1.968E-03	_		5.4476 01	5.498E-0
30.200		1.6	9.190E-01	35.70	-			-	5.448E 01	-1.468F-01
30,300		2.2	9.195E-01	35.88	_	•			5.4476 01	-3.308F-0
30.400		2.3	9.19TE-01	36.07	_	-8.675E-03		1.05SE 03	5.449E 01	-2.644F-0
30.500		2.3	9.161E-01	36.26	_	-6.143E-03	4.155E 02	1.105E 03	5.4456 01	-1.872E-0
30.600		2.0	236-	36.44	_	-1.372E-03	38	1.111E 03	5.450E 01	-4-182E-0
30.700		2.3	9.146E-01	36.61	1.787E 00	-1.951E-03	4.148E 02	1.116E 03	5.447E 01	-5.947E-0
				-						
		7.3	10-3441-0	36.80	1 787E 00	2.28.2F-03	4.148E 02	1 1226 03	5.444E DI	A-054F-0

EXPERIPENTAL CATA

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LENSTON	LENGTH	VELUCITY	ACCEL.	TENSICA	FENGLE		
587	FT	FT/SEC	F1/SEC/SEC	GRAP	5	CH/SEC	CM/SEC/SEC
			-2.435E-03	4.150E 02	1.1326 03	5.449E 01	-7.423E-02
9.1576-01	37.31		-2.858E-03	4.1536 02	1.137E 03	5.447E 01	-8.712E-02
9.162E-01	37.47		-3.504E-03	4.1566 02	176	10 36456	-
10-1945-01	37.64	1.7876 00	Z.505E-04	4.1546 02	1.1636 03	5-4476 01	1746
9-1691-01			-2-149F-03	4.159E 02	58E	5.4476 01	-4.549F-02
1	38.20		-3.059E-03	4.164E 02		5.448E 01	-9.323E-02
-	38.36		-3.279E-03	4.145E 02		5.446E 01	-9.993E-02
9.1186-01	38.53		2.764E-03	4.136E 02	1.1746 03	5.447E 01	8.424E-02
9.1496-01	38.70		-4-779E-03	4.150E 02		5.449E 01	-1.457F-01
9.197E-01	38.90		-4-698E-03	4.172E 02	1.186E 03	5.448E 01	-1-4326-01
9.105E-01	39.07		-6.396E-03	4.166E 02		5.447E 01	-1.949F-01
9.1636-01	39.54	1.7876 00	-5.480E-03	4-156E 02		5.446E 01	•
ī	39.31		2.363E-03	3		5.447E 01	7.202F-02
9.129E-01	39.44		-1.219E-03	3		5.448E 01	-3.716E-02
9-144E-01	39.61	1.788E 00	3.601E-03	4.148E 02		5.449E 01	1.098F-01
9.171E-01	39.80		-3.593E-03	4.160E 02		5.448E 01	÷.
9.231E-01	36.66		-6.3186-03	4.187E 02		5.4486 01	-1.926F-01
9.153E-01	40.13		-4.384E-03	4.170E 02		5.447E 01	-1.3366-01
9.160E-01	40.29		-6,961F-03	4.155E 02	1.228£ 03	5.446E 01	-2.125-01
9.1496-01	40.49	1.787E 00	3.7386-03	4.150E 02	1.234€ 03	5.447E 01	1.1396-01
ī	40.00		-1,804-03	5	1.23% 03	3.4436 01	-2.4976-02
9.073E-01	40.85	1.787E 00	-20407-03	4.115E 02	1.2456 03	204466 01	-1.3366-02
9 1396-01	10.17		10.000	4.1416.02	1.2556 03	10 35445	20-2700-6-
9-1245-01	41.38	1.7876 00	-1.5696-04	15	1.2606 03	10 3547.5	-4.7616-03
	41.53		-5.1936-3	4.151F 02	1-2666 03	5.447E 01	-1.5836-01
9-117E-01	41.72		-5.065E-03	4.135E 02		5.446E 01	L
	41.90		-3.777E-03	4.117E 02		5.447E 01	
9.076E-01	45.08	100	-4.658E-03	4.117E 02		5.445E 01	
9.075E-01	42.26	1.787E 00	2.9316-03	4.116E 02		5.446E 01	8.933E-02
	45.44	1.787E 00	-9.546E-04	4-128E 02	1.293€ 03	5.447E 01	-2.910E-02
1	45.62	15.00	1.0166-03	4.133E 02		5.446E 01	3.096E-02
1	42.79	1.787E 00	-1.8956-03	9	1.304E 03	5.448E 01	-5.177E-02
1	45.95		-8.405E-03	4.131E 02		5.446E 01	ė
	43.12	1.786E 00	-4.481E-03	4.135E 02		5.444E 01	-1.366E-01
9.1396-01	43.32	-	-2.677E-03	4.145E 02		5.445E 01	
	43.48	100	9.5461-04	4.151E 02	1.325E 03	5.4436 01	2.910E-02
1	43.64		5.34E-04	\$		5.445E 01	1.824E-02
9.128E-01	43.81	1.787E 00	-3.7496-03	4.140E 02	1.335E 03	5.445E 01	-1.143E-01
	44.00		-1.4146-03	4.140E 02	1.341E 03	5.444E 01	-4.309E-02
9.123E-01	44.17		-6.9916-03	4.138E 02	1.346E 03	5.445E 01	-2.131E-01
9.094E-01	44.35	1.786E 00	-3.4546-03	4.125E 02	1.352E 03	5.445E 01	-1.0536-01
9.068E-01	44.34			=	1.3566 03	5.445E 01	-1.2196-01
9.117E-01	44.72	1.787E 00	-2.391E-03	4.136E 02	1.3636 03	5-446F DI	-7-287E-02
		-					

EXPERIMENTAL CATA

TIME	ANGLE	LENSION	LENGTH	VELOCITY	ACCEL.	TENSICA	LENGTH	VELOCITY	ACCEL.
	DEG	1.85	E	FT/SEC	FT/SEC/SEC	GRAP	ð	CM/SEC	CM/SEC/SEC
-	2.3	1076	45.09	1.787E 00	-4.314E-03		1.374£ 03	5.446E 01	-1.3156-01
-	2.3	9.078E-01	45.26		-8-711E-04	.118E	1.380E 03	446E	-2.655E-02
_	2.6	.003E	45.44		-7.793E-05			5.446E 01	-2.375E-03
	2.4	8.983E-01	45.63		-3.807E-03		1.391E 03		-1.161E-01
-	2.0	9.002E-01	45.79		-2.508E-03			5.446E 01	-7.6435-02
_	2.4	1	45.95		-6.788E-03	4.112E 02	1.401E 03	5.444E 01	-2.069E-01
-	1.9	9.093E-01	46.14		-2.906E-03	4.124E 02	1.40tE 03	5.445E 01	-8.856E-02
23.100	2.6	9.081E-01	46.31	786E	-2.697E-03	1	1.412E 03	5.442E 01	-8.220E-02
_	5.4	1	46.49	.786E	-1.504E-02		2.00		-4.584E-01
-	2.2	9.264E-01	46.67	773E	-2.752E-01		167		-8.387E 00
400	1.8	1	46.86	.723E			28	5.2526 01	-2.050E 01
23.500	2.4		47.03	944E	-8.978E-01	16	346		-2.736E 01
0	2.5	1	47.19		-9.534E-01		4386		-2.906F 01
0	2.0	1	47.34	458E	-9.440E-01		135	4.446F 01	-2.877E 01
23.800	2.0	9.445E-01	47.50		-9.211E-01	1	485		-2-807E 01
0	2.0		47.63		-9.027E-01		52E	10.7	-2.7516 01
24.000	2.0	1	47.17	195E	-8.983E-01		SEE		-2.7386 01
0	2.5	1	47.88	1116	-8-942E-01	-		_	-2.725E 01
24.200	2.0	1	47.99	1.024E 00	-8.939E-01		463E	3.122E 01	-2.725E 01
24.300	2.1	9.762E-01	48.08	371E-	-8-895E-01			-	-2.711E 01
24-400	2.2	9.773E-01	48.16	8.502E-01	-9.026E-01	100	1	2.591E 01	-2.751E 01
4.500	2-1	9.828E-01	48.23	7.633E-01		w			-2.685E 01
0	2.0		48.29	6.763E-01			47.2E	2.061E 01	-2.708E 01
0	1.9	1	48.36	88.		4.514E 0Z	1.474E 03	794E	-2.7146 01
24.800	2.0	9.971E-01	20.00	3.0145-01			2 2		-2.096E 01
	1.7			10-3/41.4	•		1100		-2.100E UI
	200	7.95/E-01	40.40		0	-	-		10 about 2
200		1	10.10	10-3616-7	0 6		2	1.3735 00	TO 3790.7-
		1.00 E 00	10.01	10-3066-1	10-3608-9-	4.244E 02	1.479E 03	4. 743E 00	-2.063E 01
			40 62	1 4505-02	10 3000 1				10 3076
	2.1			-1-420E-02	10-3964-1-		1. 478E 03	-4 637E-01	TO SECTION
	2.1	9.44%E-01		-2.0516-02			478F	-6.250F-01	1.9001-02
	2.2			-1.758E-02	3.819F-02		478F	-5-3596-01	1.1645 00
	1.9	1	48.49	-1-434E-02	2-835E-02		78E	-	8-642E-01
	2.0			-1.230£-02	1.1496-02		478E	-3.749E-01	3.501E-01
	2.1	9.790E-01	48.46	-1.1436-02	-1.918E-03		176	-3.483E-01	-5.845E-02
	2.1		48.44	8	-7.253E-03	-	476E	-3.653€-01	-2.211E-01
	2.1		48.45	28	-7.696E-03		477	.742	-2.346E-01
	2.0	9.580E-01	48.44	-1.1736-02	-6.913E-03		476E	-3.574E-01	-2.107F-01
	2.1		48.44	284	-5.848E-03		476E	+16.	-1.782E-01
	2.1	9.819E-01	48.43	-1.304E-02	-5.227E-03		1.476E 03	-3.974E-01	-1.593E-01
	1.9	9.783E-01	48.42	203	-5.475E-03	_	476E	999	-1.669E-01
	2.1	9.661E-01	48.42	-1.204F-02			476	-3.668F-01	782E-
		.0.20.0	77 07						
		ı			ĺ		20 31.4	-	1

EXPERIMENTAL CATA

		LINGE	ENGLISH ONLIS					
OSCL.	TENSION	LENGTH	VELOCITY	ACCEL.	TENSICN	LENGTH	VELOCITY	ACCEL.
DEG	188	ī	FT/SEC	FT/SEC/SEC	GRAP	ð	CH/SEC	CH/SEC/SEC
2.1	9.6706-01		-1.0796-02	-4.968E-03	4.386E 02	1.477E 03	-3.287E-01	-1.5146-01
2.1	9.7476-01		-1.1136-02	-4.345E-03	4.421E 02	1.477E 03	-3.391E-01	-1.324E-01
2.2	9.7426-01	48.46	-1.262E-02	-4.562E-03	4.419E 02	1.477E 03	-3.847E-01	-1-300E-01
2.3	9.680E-01		-1.097E-02	-4.136E-03	4.391E 02	1.477€ 03	-3.345E-01	-1.261E-01
2.0	9.6226-01		-1.268E-02	-4.281E-03	4.364E 02	1.4776 03	-3.864E-01	-1-305E-01
2.0	9.608E-01		-1.171E-02	-4.623E-03	4.358E 02	1.477E 03	-3.570E-01	-1.4096-01
2.1	9.6516-01		-1.129E-02	-4.559E-03	4.378E 02	1.477E 03	-3.440E-01	-1.3906-01
2.1	9.7196-01		-1.284E-02	-5.013E-03	4.4CBE 02	1.477E 03	-3.9136-01	-1.528E-01
2.1	9.7296-01		-1.097E-02	-4.665E-03	4.413E 02	1.477E 03	-3.345E-01	-1.422E-01
2.1	9.687E-01	Ī	-1.289E-02	-5.1166-03	4.394E 02	1.477E 03	-3.528E-01	-1.559E-01
2.2	9.6516-01	Ĭ	-1.266E-02	-4.768E-03	4.378E 02	1.477E 03	-3.858E-01	-1.453E-01
2.1	9.632E-01	Ĩ	-1.203E-02	-4.734E-03	4.369E 02	1.476E 03	-3.667E-01	-1.43E-01
2.1	9.645E-01		-1.293E-02	-5.405E-03	_	1.476F 03	-3.9436-01	-1.6476-01
2.1	9.699E-01		-1.254E-02	-4.851E-03	_	1.476E 03	-3.822E-01	-1.479E-01
2.2	9.709E-01		-1.169E-02	-5.135E-03	4.404E 02	1.477 6 03	-3.563E-01	-1.5656-01
2.0	9.691E-01		-1.177E-02	-5.0576-03	4.356E 02	1.4776 03	-3.587E-01	-1.541E-01
2.2	9.649E-01		-1.209E-02	-4-122E-03	4.377E 02	1.4776 03	-3.685E-01	-1.25 EE-01
2.1	9-629F-01		-1-212F-02	-4-4816-03	4. 3ARE 02	1.4776 01	10-2504-1-	10-3446-1-

EXPERIMENTAL DATA

FEC : 41 HN : 600 FD : 4.640E-01	ITY ACCEL.	EC CM/SEC/SEC	E-01 -2.186E-0		E-01 -2.329E-				E-01 -2.030E-C						F-01 - 1.924 F-			E-01 -1.882E-01										E-01 -1.857E-0		E-01 -2.016F-01
ACANANA ACANANANA ACANANANA ACANANANA ACANANANAN	C UNITS -	CHISEC	-5.636E-01	-5.487	-5.617E-01	-5.543E-01	-5.5938-01	-5.533E-01	-5.527E-01	-5.2576-01	-5.199E-01	-5.224E-01	-5.140E-01	-5.203E-01	-5-136F-01	-5.305E-01	-5.465E-01	-5.412E-01	-5-271	-5.444 -01	-5.209E-01	-5.225F-01	-5.215E-01	-5.396	-5.186	-5.098E-01	-4.9296-01	-5.090F-Ci	-5.064	248
	LENGTH	5	1.750E 03		1.750E 03				100	1.7476 03				1.748E 03	1.747E 03		_		1.7476 03							1.748E 03	1.7486 03	-	1.7486 03	
MAN THE STATE OF T	TENSICA	GRAP	4.454E 02		4.456E 02					4-436F 02				4.433E 02						4-439F 02							4.4346 02			
MODE AMPLITUDE, INCH FREQUENCY, HZ	ACCEL.	FT/SEC/SEC	-7.171E-03	-6.995E-03	-7.541E-03	-7.188E-03	-7.519E-03	-7.106E-03	-6.661E-03	-6.449F-03	-6.375E-03	-6.480E-03	-6.349E-03	-5-8/6E-03	-6-3136-03	-6.007E-03	-6.412E-03	-6-174F-03	-6.216E-03	-4-760F-03	-6.542E-03	-6.757E-03	-6.902E-03	-5.910E-03	-5.842E-03	-6.092E-03	E0-1090-9-	-6.092E-03	-6-171E-03	-6.613E-03
FEEL-IN 1.00 1.00 1.00 41.00 55.00	LENGTH VELOCITY	FT/SEC	-1.849E-02	-1.800E-02	-1.8435-02	-1.819E-02	-1.835E-02	-1.815E-02	-1.813E-02	-1-738F-02	-1.706E-02	-1.714E-02	-1.686E-02	-1.707E-02	-1.685F-02	-1.767E-02	-1.793E-02	-1.776E-02	-1.729E-02	-1.793E-02	-1.709E-02	-1.714E-02	-1.711E-02	-1.770E-02	-1.701E-02	-1.673E-02	-1.617F-02	-1.670E-02	-1.662E-02	-1.722E-02
F F 522	LENGTH	11	57.43	57.42	57.41	57.37	57.30	57.31	57.31	57.32	57.33	57.33	57.34	57.34	57.33	57.33	57.33	57.34	57.33	57.32	57.32	57.32	57.33	57.34	57.34	37.34	57.36	57.35	57.36	57.33
PATERIAL PATERIAL PATERIAL TV, FPS RATION, PE, SEC LENGTH, LENGTH,	TENSION	res			9-824E-01				9.795E-01			•	•	9-7135-01	778F-	-3681.		-787E-	9.7805-01	787E-	-783E-		- 786E-	-777E-	-7696-	•	776F-	9.771E-01		
A CCELE CIRECT CIRECT CECELE CECELE RUN TIA	OSCL.	DEC	1.5	1.5		1:7	1.6	1.6		1.8	1.6	1.8	6.1		-	7:1	1.1	1.6		3.	1.7	1.1	1.8		1.7		8-1	1.1	1.6	1.1
14 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	RUN	SEC	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0	0.0			0.0	0.0	0.0	0.0	0.0		200	0.0	0.0	0.0
	RCOR	SEC	0.0	0.100	0.200	0.400	0.500	0.600	00.100	0.900	1.000	1.100	1.200	000	1.500	1.600	1.700	1.800	2000	2-100	2.200	5.300	2.400	2.500	2.600	2000	2.900	3.000	3.100	3.200

EXPERIMENTAL CATA

£ 2	RUN	0501.	TENSION	LENGTH	VELOCITY	ACCEL.	TENSICN	LENGTH	VELOCITY	ACCEL.
	SEC	DEG	res	FT	FT/SEC	FT/SEC/SEC	GRAP	5	CP/SEC	CM/SEC/SEC
c	0.	1.8	-	57.35	_	-5.544E-03	4.440E 02	1.748E 03	-4.969E-01	-1.8126-01
3.500 0	0.	1.1	9.784E-01	57.34	-1.768E-02	5.573	438E	1.7488 03	.389	-1.699E-01
•	0.	1.1	. 782E	57.34	-1.682E-02	-6.661E-03		0	-5.127E-01	-2.030E-01
•	•	1.8	. 783E	57.33	-1.670E-02	-6.001E-03	376		-5.0916-01	353E-
•	••	5:-	.775E	57.34	-1.693E-02	-6.533E-03		0	. 160	-1.991E-01
•	••	1:1	.784E	57.34	-1.669E-02	-6.494E-03	386	0	-5.087E-01	-1.979E-01
•	••	1.8	.780E	57.33	-1.658E-02	-6.618E-03		9	-5.054E-01	-2.017E-01
0	0.	1:1	377.E	57.35	-1.635E-02	-5.406E-03	336	1.7486 03	-4.984E-01	-1.6486-01
•		1.8	.173E	57.36	-1.705E-02	-6.273E-03		1.748E 03	-5.197E-01	-1.912E-01
0	0.	2.0	. 770E	57.36	-1.648E-02	-5.522E-03	32E		-5.022E-01	-1.6836-01
•	0.	1.1	.173E	57.36	-1.603E-02	-5.401E-03	336	1.748E 03	-4.887E-01	-1.646E-01
•	0.	1.6	.771E	57.36	-1.537E-02	-9.497E-03	1		-4.685E-01	-1.6756-01
•	0.	1.5	.765E	57.37	-1.602E-02	-6.086E-03	-	36	-4.884E-01	-1.6556-01
•		1.8	.776E	57.36	-1.604E-02	-5.874E-03	-		-4.889E-01	-1.790E-0
•	0.	1.8	-711E-	57.34	-1.713E-02	-6.449E-03	-	1.748E 03	-5.221E-01	-1.966E-0
•		1.8	-775E-	51.35	-1.665E-02	-5.336E-03			-5.074E-01	-1.626E-0
0 000		1.6	-776E-	57.35	-1.636E-02	-6.556E-03			885	-1.998E-01
0	0.	1.1	9.779E-01	57.35	-1.758E-02	-6.211E-03	-	1.748E 03	960	-1.893E-0
0	0	1.8	- 782E-	57.35	-1.641E-02	-6.505E-03	-		100	1.983E-
•		1.8	- 784E-	57.33	-1.633E-02	-6.1546-03			576	1.876E-
0		1.1	-781E-	57.35	-1.619E-02	-6.106E-03		1.748E 03		16 1E
•	0.0	1.7	-782E-	57.34	-1.647E-02	-6.449E-03		1.748E 03	17	366F
0 009	0.1	1.6	9.787E-01	51.35	-1.538E-02	-6.505E-03			-4.689E-01	
•	0.	1.1	. 771E	57.36	-1.513E-02	-6.276E-03	100	1.748E 03	-4.610E-01	-1.913E-01
0	0.1	1.9	. 769E	57.36	-1.608E-02	-5.177E-03		1.748E 03	-4.902E-01	-1.761E-01
•	0.	1.9	-3211.	57.37	-1.552E-02	-6.097E-03		1.74SE 03	-4.730E-01	SOF
•	0.	1.8	9.761E-01	57.36	-1.531E-02	-5.457E-03		1.748E 03	-4.667E-01	-1.663E-01
•	0.	1.8		57.38	-1.618E-02	-5.704E-03		5	931	738F
•	0.1	1.6	-771E-	57.37	-1.539E-02	-5.987E-03		1.745E 03	69	825F
•	•	1.6	.767		-1.514E-02	-5.571E-03		48	-4.614E-01	398F
•	••	1:1	9.775E-01		-1.477E-02	-5.766E-03		4	205	137F
•	••	1.1	.179		-1.570E-02	-5.865E-03		1.748E 03	-4.786E-01	-1.788F-01
0	•	1:0	.784			-5.834E-03		<u>.</u>	-4.534E-01	-1.778E-01
•	0.	1.1	.175		-1.581E-02	273		1.748E 03	-4.819E-01	-3216
•	0.1	1.1	.776		-1.590E-02	-6.364E-03		1.7486 03	-4.848E-01	-1.940E-01
•	0.1	1.7	.785		-1.541E-02	341	.438E	1.748E 03	-4.657E-01	-1.933E-01
0 000	0.	1.9	3117.		-1.539E-02	-5.797E-03	.432E	1.748E 03	692	-1.767E-01
•	0.	1.8	9.7736-01		-1.564E-02	-6.335E-03		48E	-4.767E-01	931E-
•	0.1	1:0	177		-1.517E-02	-5.658E-03	-	3	-4.624E-01	-1.7256-01
0	0,1	1.1	.765		-1.543E-02	-6.2396-03		1.749€ 03	-4.703E-01	-1.902F-01
•	0.	2.1	.762		-1.451 £-02	-5.4636-03	75	_	-4.424E-01	165E
•	0.1	1.5	. 764		-1.477E-02	-6.055E-03		1.145E 03	-4.501E-01	
•	0.	1.8	.763		*	8		1.745E 03	-4.401E-01	-1.707E-01
700 0	0.1	1.9	9.769E-01	57.38	-1.474E-02	-5.525E-03	4.431E 02	1.745E 03	-4.494E-01	-1.684E-0
•	0.0	1.8	-395L-	57.38	513	-5.4698-03	25E	1.149E 03	2	

EXPERIMENTAL GATA

04	ANGLE OEG	TENSTON	LENGTH	VELOCITY FT/SEC	ACCEL. FT/SEC/SEC	GRAP	LENGTH	VELOCITY CM/SEC	ACCEL. CM/SEC/SEC
	1.1	9.712F-01	57.36	-1-507F-02	-5.687E-03	4.433F 02		-4-594F-01	-1-7335-01
	1.6	7736-	57.37	484	3	4		522	1.828E-
	1:1	166-	57.37	-1.565E-02	-6.576E-03	-434E		-4.769E-01	
	1.6	-778E-	57.36	:	-6.191E-03	435E		-4.649F-01	.887E-
	1.6	~	57.36	.548	-6.080E-03	91 E 5		-4.717E-01	1.853E-
	8.1	1135	57.35	. 473	-6.454E-03	.434E		-4-490E-01	1.967E-
		1716E	57.36	<u>:</u> .	ė u	4336		-4-445E-01	≟.
		- 101	51.33	1001	-2.66 £-U3	4326			:
	8.1	- 100	57.36	-1-498E-02	-6-440E-03	-4.38E		-4.565E-01	1.963E-
	1.5	-	57.37	1.400	-6.250E-03	362 5°	1.745E 03	-4.266E-01	-1.905F-01
	8.1	-	57.37		-5.893E-03			-4.515E-01	-196E-
	1.8	.762	57.37	-1.427E-02	-5.539E-0	.428E		-4.351E-01	-1.688E-01
	1.7	-319	57.38	-1.484E-02	-5.137E-03	.430E		-4.522E-01	-1.566E-01
	1.9	9.762E-01	57.39	-1.413E-02	-5.353E-03	4.428E 02		-4.307E-01	-1.631E-01
	1.8		57.37	-1.381E-02	-5.845E-03			-4.211E-01	-1.782E-01
	1.8	196-	57.39	-1.418E-02	-5.44 3E-03	.435E		-4.321F-01	-1.659E-01
	1.7	9.771E-01	57.36	-1.509E-02	-5.868E-03			-4.601E-01	- 789E-
	1.9		57.37	-1.506E-02	-6.001E-03			-4.591E-01	-1.829E-01
	1.9	9.761E-01	57.38	-1.488E-02	-5.865E-03			-4.535E-01	-788E-
	1.7	72E	57.37	-1.466E-02	-5.783E-03	-432E		-4.467E-01	763E-
	1:1	9.770E-01	57.36		-6.049E-03			-4.685E-01	-1.844E-01
	1.5	5.771E-01	57.36	-1.550E-02	-6.290E-03	.432E	-	-4.723E-01	-1.917E-01
	1.8		57.37		-6.01 SE-03	.431E	4SE	-4.477E-01	-1.8336-01
	1.5		57.37		-6.211E-03		369	-4.761E-01	-1.8936-01
	8.1	•	57.37		-6.1296-03	-	36	-4.158E-01	-1.868E-01
	1.2	- 159E-	57.38	-1.455E-02	-5.370E-03	.427E	16 E	-4.433E-01	-1.637E-01
	8.1	9.763E-01	57.39		-6.162E-03	.4 28E		-4.514E-01	-1.878E-01
	1.7	96		-	-4-5176-03			-4.383E-01	-1.377E-01
	1.8	'n			-1.052E-02	427E	1 SE	-4.4836-01	-3.205E-01
0	1.8	36		-3.016E-02	-3.886E-01			1.	-1.184E OL
0	1.9	2E			-1.050E 00		11	-3.239£ 00	
0	1.9	1.083E 00		. 197	-1.241E 00			3969.	. 783
0	8.1	1			-1.1596 00			-010E	. 5336
0-200		96		-4.358E-01	-1.033E 00	36190	1.74SE 03	358€	394
0	1.7	Ų.		.301E	-9.640E-01	4.5116 02		3919.	-
0	1.7	SE.		-6.192E-01	-9.366E-01	. 5886		.887	15 5 6
0	1.7	SE.			-9.3466-01	.7836	1.7458 03	181	364
0	1.6	7			1			-420E	. 82 7E
-	1.7	m.	-	-8.820E-01	•	.936€	-		964E
-	1.6	9		-9.706E-01	1	.844E			172E
0	1.7	9E	56.88	-1.060E 00	-9.387			-3.231E OL	. 86 1E
-	1.1	SE			ĭ	-740E			84.2E
_	1.1	30		-1.230E 00			1.727E 03	-3.751E 01	-2.838E 01
.500	1.1	+			-	\$63E		3610·	842E
0	1.1	JE 36	56.44			4.986E 02		287E	152E

EXPERIMENTAL CATA

7110		TENCTON	LENGTH	VEI OF 1 TV	ACCEL	TENSTON	LENGTH	VEI OCTTY	ACCEL
TEMP	ANGLE				ACCEL				
SEC	DEG	1.85	Ħ	FT/SEC	FT/SEC/SEC	GRAP	3	CP/SEC	CM/SEC/SEC
12.600 1.800			56.14	. 582 E	-9.240E-01				-2.816E 01
1			.96.96		6-	327E	1.706E 03	_	-2.778E 01
2			55.11	-1.748E 00			1.70CE 03	-5.329E 01	-2.167E 01
		1.073E 00	55.58	. 793E	-3.	165E		399i	-1.020E 01
2			55.38	. 808E					-2.400E 00
2			55.21		2			-5.511E 01	8.841E-01
2	1.4		55.02		9	4.839E 02	1.677E 03	-5.498E 01	1.193E 00
2	-0.5		54.83	-1.800E 00	2		1.671E 03	5.487E 01	6.518F-01
2	120	071E	54.64	-1.798E 00	3		1.665E 03	-5.480E 01	
2			54.46	37 PTE	-			-5.477E 01	-2.598E-01
2.	9.1	1.065E 00	54.28	-1-797E 00	6-			-5.478E 01	
2	-0.0	1.066E 00	54.11		6-			381	-2.789E-01
			53.95	-	8-		1.6446 03	•	-2.715E-01
		.067E	53.78		-1			3181	349E-
			53.61		6-			480E	153E-
		072E	53.43	798E	1			482E	-2.017E-01
			53.26		•	- 10	191	316	
		063E	53.07	798E	*-			30€	26F
3	-	3890	52.88	-1.798E 00	1		1000	316	-1.923E-01
		072E	52.70	798E	•		_	3084	-2.440E-01
9.800	1.1		52.55	798E	•	4.883E 02	1.602E 03	3084	-1.944E-01
3.900		1.074E 00	52.36	-1.798E 00	•		00		-2.098E-01
4.000	1.5	3700	52.18		-1		1.590E 03	3081	-2.143E-01
4.100		1.064E 00	51.98		-7-	-	1.584E 03		-2.234E-01
4.200		-	51.81	797E	61		1.579E 03		-2.969E-01
4.300	-		51.63		-1-		1.574E 03	80E	-2.309E-01
4.400	-		21.46		÷		1.568E 03	_	100F
4.500	_		51.30	9 E	Ī		1.564E 03		-1.889E-01
4.600	-	1.070E 00	51.12	-1.7986 00	ī	-	1.558E 03	479E	-1.917F-01
4.700	9:1		50.93	797E	•	-	1.552E 03	1786	-2.149E-01
4.800			50.78		91		1.548E 03		-2.038E-01
4.90	~ .		50.59		-		1.542E 03		-2.148F-01
2.000			20.41		-2		0	-5.480E 01	-7.329E-02
5.100			50.24	76	1		1.5316 03	_	13万
2.200			\$0.03		•		1.525E 03	-5.4796 01	709F
5.300	-	-	49.87		ì		1.520E 03	-5.478E 01	-2.975E-01
5.400			49.70		-5		1.515E 03	-5.480E 01	132F
5.500		1.067E 00	49.51		1		1.509E 03	-5.479E 01	-3991
2.600			49.35	198E	-5		1.504E 03	-5.480E OI	-1.636F-01
5.700			49.16	198E	-		1.45EE 03	-5.479E 01	-1.218E-01
5.800		071E	49.01	797E	-		1.4946 03	-5.477E 01	-2.172E-01
2.900			48.83	79 7E	6-	-	1.488E 03	-5.477E 01	-2.902E-01
900 9 000		96 3E	48.67	798E	-7.699		1.483E 03	-5.479 6 01	-2.345E-01
6.100	1.8	1.065E 00	48.50	798E	-2		1.478E 03		-0.954E-02
6.200			72 07	1000	*				
			•			0	10 3119		10-10/0

EXPERIMENTAL CATA

-			NO LANGE		VELOCITY	ACCEL.	TENSICA	LENGTH	VELOCITY	ACCEL.
TIME	TIVE	ANGLE	NO I SWITT	TENO III	1000000					
SEC	SEC	990	1.85	11	FT/SEC	FT/SEC/SEC	GRAP	ð	CH/SEC	CH/SEC/SEC
17.200	6.400	1.1	3E	47.59	-1.798E 00	-6.491E-03		1.462E 03		-1.978E-01
17.300	9.500	1.1	7		-1.798E 00	-7.258E-03		1.457E 03	-480E	2
17.400	009.9	1.7	1.066E 00		0	-6.162E-03	4.8358 02	1.452E 03		-1.878E-01
17.500	6.700	1:1	w		198E 0	-5.001E-03			-5.480E 01	-1.524E-0
17.600	9.800	1.6	8		-1.798E 00	-6.400E-04		31		-1.951E-02
17.700	9.900	1.1	36		-1.798E 00	-5.619E-03		1.436E 03	-5.479E 01	-1.7136-01
17.800	7.000	1.7	32		-1.798E 00	-9.130E-03			36	-2.783E-01
17.900	7.100	1.6	4	46.74	-1.798E 00	-7.709E-03			-5.479E 01	-2.350E-01
18.000	7.200	1.6	1.069E 00		-1.798E 00	-6.239E-03			-5.480E 01	-1.502E-01
18.100	7.300	1.1	y	46.38	-1.798E 00	-6.273E-03			-5.480E 01	-1.912E-01
18.200	7.400	1.1	¥.		-1.797E 00	-3.45 8E-03			-5.477E 01	-1.054E-01
18,300	7.500	1.1	36		-1.797E 00	-6.9336-03		-	18E	-2.1135-01
18.400	7.600	1.6	1.069E 00		-1.797E 00	-9.170E-03			96.	-2.795E-01
18.500	7.700	1.6	×	45.69	-1.798E 00	-6.3696-03	4.853£ 02	1.393E 03	ugi.	-1.941F-01
18.600	7.800	1.1	Ä		-1.797E 00	-2.6256-03	4.633E 02			-8.002E-0
18.700	2.900	1.1	¥			-2.285E-03	4.828£ 02		478E	-6.966E-02
18.800	8.000	1.1)E 0		-1.797E 00	-6.372E-03			478E	-1.942E-01
18.900	8.100	1.1	35		-1.797E 00	-5.5396-03			478E	-1.688E-01
000 -61	8.200	1.1	1.069E 00		-1.797E 00	-7.9666-03	50E		477E	-2.428E-
19.100	8.300	1:1	0 3		-1.798E 00	-7.7466-03			479E	-2.361E-01
19.200	8.400	1.1	1.065E 00		-1.798E 00	-4.636E-03	316	1.3546 03	-5.480E 01	-1.413F
19.300	8.500	1.1	×		-1.797E 00	-3.619E-03			-5.478E 01	-1.103F
19.400	8.600	1.7	2		-1.797E 00	-6.3496-03			-5.477E 01	-1.935E-0
19.500	8.700	1.1	w		-1.797E 00	-5.664E-03			-5.477E 01	-1.726F-C
009-61	8.800	1.6	1.068E 00		-1.797E 00	-4.189E-03			_	-1.277E-
9. 700	8.900	1.1	E E		-1.797E 00	-8-4936-03	w		_	-2.589F-
008 -61	9.000	1:1	3	43.37	-1.797E 00	-7.052E-03	w	1.3226 03	-5.476E 01	-2.149E-01
006-61	9.100	1.8	1.068E 00	-	-1.797E 00	-4.509E-03			-5.477E 01	-1.374E-C
20.000	9.200	1.1	W	0	-1.797E 00	-7.111E-03		1.3116 03	-5.477E 01	-2.168E-01
50.100	9.300	1:1	36	45.84	-1.797E 00	-4.701E-03	_	-	-5.477E 01	-1.4336-01
007-0	9.400	1.6	¥		-1.796E 00	-7.021E-03	ш		-5.475E 01	-2.140FC
008.00	9.500	1.6	w		-1.797E 00	-6.805E-03	_		-5.477E 01	-2.074E-
004.0	009.6	1.0	w	00	-1.797E 00	-7.884E-03		1.290E 03	-5.477E 01	-2.403FC
005 0	9.700	1:1	SE		-1.797E 00	-5.030E-03	_		-5.478E 01	-1.533F-(
009-0	9.800	1.6	N.		-1.797E 00	-2.438E-03			-5.477E 01	-7.432E-C
002.0	006.6	1.7	M		-1.797E 00	-6.236E-03	_			-1.901F-
20.800	10.000	1.8	36		-1.797E 00	-3.367E-03			-5.478E 01	-1.026F-01
006 .07	10.100	1.6	1.0666 00	41.45	-1.797E 00	-4.146E-03	4.834E 02		-	-1.264E-01
000-1	10.200	1.1	w		-1.798E 00	-8.734E-03		1.258E 03	-5.479E 01	-2.662E-01
11.100	10.300	1.6	36		-1.798E 00	-8.459E-03	_	1.2536 03	-5.480E 01	-2.578E-01
11.200	10.400	1.6	M		-1.797E 00	-8.502E-03	4.841E 02	1.2476 03	-5.478E 01	-2.591E-01
11.300	10.500	1.7	8		-1.798E 00	-3.653E-03		1.2416 03	-5.479£ 01	-1.1146-0
004-17	10.600	1.1	=		-1.797E 00	-3.636E-03	4.858E 02	1.236E 03	-5.476E 01	-1.108E-0
11.500	10.700	1.0	36		-1.797E 00	-5.066E-03	4.847E 02	1.2318 03	-5.476E 01	-1.5446-0
21.600	10.800	1.0	2		-1.796F 00	-6-383E-03	4-841F 02	1.226F 03	-5-47AF 01	770
						-			-	

EXPERIMENTAL CATA

						200000000000000000000000000000000000000	ACCEL	TENSICK	FNCTH	VELOCITY	ACCEL
RCDR	NO.	080	TENSTON	_	LENGTH	VELUCITY	ACCEL				
	3 1 1	ANGLE			:		20070000	4100		223772	Ca 1000 1000
	SEC	046	188		-	FT/SEC	e 1/sec/sec	GRAP	5	CHASEL	CHISELISEC
21.800	11.000	1.8	-072E	0	39.89	-1.797E 00	-2.688E-03	4.862E 02	1.216E 03	-5.477E 01	-8.192E-02
00	11.100	1.8		00	39.71		-9.232E-04			-5.476E 01	-2.814F-02
00	11.200	1.8	- 066E	0	39.55		-5.724E-03			-5.477E 01	-1.745F-01
00	11.300	1.8	.058E	0	39.38	-1.797E 00	-5.310E-03	4.7576 02		-5.477E 01	-1.6196-01
00	11.400	1.8	.050E		39.29	-1.797E 00	-8.136E-03	4.7986 02		-5.476E 01	-2.480E-01
00	11.500	1.1	1.063E (39.18	-1.797E 00	-8.61 8E-03	4.820E 02		-5.477E 01	-2.627E-01
00	11.600	1.6	1.062E (38.99	-1.797E 00	-8.287E-03	4.8196 02		-5.478E 01	-2.526E-01
00	11.700	1.1	056E		38.80	-1.797E 00	-1.756E-03	4.791E 02		-5.478E 01	-5.332E-02
00	11.800	1.6			38.63	-1.797E 00	-5-239E-04	4.801E 02		-5.477E 01	-1-597E-02
00	11.900	1.5	062E		38.45	-1.7976 00	-4.458E-03	4.819F 02		-5.478E 01	-1.359E-01
00	12.000	1.6	OAAE		38.26	-1.797F AA	-5-548E-03			-5.477E 01	-1.691E-01
	12.100			, .	30 05	7076 00	- 941E-03	A 8386 02	1 1406 02		-2 721E-01
	12 200		1 04.66	, ,	27 00	7076 00	1 1446-02		1.1646.02	-6.4776 01	TO SERVE
	13 300		0 9790	, ,	27 50	1016 00	30 30 30	4 9345 0	1496 03	- K 4796 01	4 16 36 00
2 5	2007	:		,	24 63		50-3266		20 3671	376	2000
25	200-21				31.31	יויייייייייייייייייייייייייייייייייייי	-3.63/6-03		60 356107	100	70-000-6-
2	17.500				31.30	-1. 796 00	-0-30TE-03		101398 03	10 3616-6-	-1.9396-01
00	12.600	1.5			37.18	-1. 797E 00	-5. 769E-03	4.822E 02	1.133E 03		-1.738F-01
00	12.700	1.6		00	36.99	-1.797E 00	-7.021E-03	4.832E 02	1.120€ 03	-5.477E 01	-2.140F-01
00	12.800	1.6		00	36.82	-1.797E 00	-6.361E-03	4.808E 02	1.1226 03	-5.477E 01	-1.939E-01
23.700	12.900	1.6		00	36.66	-1.798E 00	-7.748E-03	4.811E 02	1.1176 03	-5.479E 01	-2.362E-01
800	13.000	1.6		0	36.48	-1.798E 00	-1.711E-03	4.821E 02	1.1126 03	-5.480E 01	-9.214E-02
006	13.100	1.1	-	0	36.32	-1.797E 00	-3.373E-03	4.824E 02	1.1076 03	-5.477E 01	-1.028E-01
0	13.200	1.6			36.13	-1.797E 00	-8.703E-03	4.828E 02	1.1016 03	-5.477E 01	-2.653E-01
001-+	13.300	1.8		00	35.97	-1.797E 00	-3.466E-03	4.806E 02	***	-5.478E 01	-1.057E-01
0	13.400	1:1			35.79	-1.797E 00	-7.066E-03	4.809E 02	1.0916 03	-5.478E 01	-2.154E-01
2	13.500	1.1			35.63	-1.798E 00	-6.196E-03	4.812E 02	1.08 cE 03	-5.479E 01	-1.889E-01
0	13.600	9.1		0	35.46	-1.798E 00	-9.159E-03	4.840E 02	1.081E 03	-5.479E 01	-2.792E-01
0	13.700	1.1			35.26	-1.797E 00	-3.101E-03	4.832E 02	1.075E 03	-5.478E 01	-9.452E-02
909	13.800	1.6		00	35.09	-1.797E 00	-3.466E-03	4.807E 02	1.070€ 03	-5.477E 01	-1.057E-01
0	13.900	1.1	-		34.91	-1.797E 00	-8-173E-03	4.814E 02	1.064E 03	-5.477E 01	-2.491E-01
0	14.000	1.1		0	34.74	-1.797E 00	-3.925E-03	4.813E 02	1.059E 03	-5.476E 01	-1.196E-01
0	14.100	1.6			34.58	-1.797E 00	-6.525E-03	4.830E 02	1.054E 03	-5.477E 01	-1.989F-01
0	14.200	1.6		00	34.41	-1.797E 00	-8.306E-03	4.84E 02	1.049€ 03	-5.477E 01	-2.532E-01
100	14.300	1.1		0	34.24	-1.797E 00	-6.267E-03	4.844E 02	1.044E 03	-5.4796 01	-1-910E-01
200	14.400	1.6		0	34.08	-1.797E 00	-7.780E-03	_		-5.478E 01	-2.371E-01
0	14.500	1.6		0	33.89		-1-323E-03			-5.480E 01	-4.031E-02
0	14.600	1.1		00	33.70	. 798 E	-3.801E-03	4.821E 02	027E	-5.480E 01	-1.158E-01
00	14.700	1.1	3E 90		33.53	-1.798E 00	-4-251E-03		1.022E 03		-1.294E-01
00	14.800	1.1	969E		33.34		-5.9936-03		3910		-1.4276-01
20	14.900	1.1	DAAF		31.16		-1-002F-02			-6.479E 01	-3.04A-01
90	14.000				22.00	-1.79AE 00	-4-970E-03			4 470E 01	12.124E-01
:		::	2770		33	3000	20 30 70		2000	10 100	
25	12.100				36.80	חויייייייייייייייייייייייייייייייייייי	-4-80 BE-03	70 3470.6	303776 02		1
00	15.200	1.6			32.61	-1.798E 00	90	4.846 02	9.9416 02	-5.480E 01	-1.208E-01
0	•	9.1			32.44	-1.797E 00	-6.3156-03	4.8336 02	9.887E 02	-5.477E 01	-1.9256-01
200	15.400	1:1	062E	00	32.27	-1.797E 00	-5.299E-03	4.816E 02	9.834E 02	-5.477E 01	-1.615F-01
•					-	-					

EXPERIMENTAL DATA

	ACCEL.	CH/SEC/SEC	.045F-01	.268E-01	.260E-01	1.0046-01	.650E-02	2.2746-01	.308E-01	.079E-01	570E-01	7.993E-02	1.665E-01	1.303E-01	.284E-01		-1.0836-01	3.035E-01	.301E-01	. 793E-01	. 192E-02	.711E-02	**18E-01	10-1881-01	2126-01	1625-02	.240E-01	.183E-01	.781E-01	-2.848E-01	. 355E-01	-2.459E-01	0023E-02	-1.4325-01	10-1119·	. 506E-01	.774E-01	-2.143E-01	.140F-01	. 564E-02	.624E-01	1.442F-01	.205F-01	
-			01 -3.0	10	01 -10	1- 10	01 -2.	01 -2	01 -2.	01 -2	01 -2	01 -7	1- 10	5	10	- 5	1- 10	E- 10	7- 10	10	10	6- 10	1-	100	; ;	10	10	1- 10	1- 10	7- 10	- 10	7		01-	1- 10	2- 10	1- 10	2- 10	01 -2	10	1- 10	10	7- 10	
3	VELOCITY	CP/SEC	-5.4776	5	5	-5.478E	-5.477E	-5.476E	-5.477E	-5.478E	-5.480E	-5.479E	-5.478E	-5.478E	-5.479E	-5.478E	-5.475E	-5.475E	-5.47BE	-5.478E	-5.479E	-5.476E	'n,	-5.478E	-5.479F	-5.480E	-5.479E	-5.479E	-5.480E	-5.479E	-5.481E	-5.480E	-5.478E	-5.475	-5.475E	-5.478E	-5.478E	-5.477E	-5.478E	-5.478E		-5.478E	-5.479E	
METRIC	LENGTE	*	9-727E 02	9.678E 02	9.622E 02	9.568E 02	9.517E 02	9.462E 02	9.405E 02	9.3486 02	9.255E 02	9.24CE 02	9.190E 02	9.1356 02	9.075E 02	9.0246 02	8.575E 02	8.926E 02	8.8758 02	8.6226 02	8.7716 02	8.7166 02	8.6678 02	8-6135 02	8.504F 02	8-448E 02	8.356E 02	8-338E 02	8.285E 02	8.230E 02	8-170E 02	8.118E 02	A.014E 02	7.96CE 02	7.908E 02	7.854E 02	7.802E 02	7.746E 02	7.651E 02	7.635E 02	7.577E 02	7.528E 02	7.476E 02	
	TENSICN	GRAP	4.828E 02	4.855E 02	4.8378 02	4.815E 02	4.784E G2	4.805E 02	4.834E 02	4.820E 02	4.812E 02	4.792E 02	4.823E 02	4.823E 02	4.812E 02	4.816E 02	4.809E 02	4.8156 02	4.8196 02	4.8298 02	4.823€ 02	4.824E 02	4.8CTE 02	4.6106 02	4.788F 02	4.7726 02	4.770E 02	4.786E C2	4.789E 02	4.795E 02	4.794E 02	4.8076 02	4.770E 02	4-7646 02	4.7496 02	4.813E 02	4.816E 02	4.760E 02	4.768E 02	4.803E 02	4.837E 02	4.707E 02	4.780E 02	
	ACCEL.	FT/SEC/SEC	-9.991E-03	-4-160E-03	-4.135E-03	-3.294E-03	-8-694E-04	-7.460E-03	-7.573E-03	-6.822E-03	-8.431E-03	-2.622E-03	-5.463E-03	-4.274E-03	-7.494E-03	-5.573E-03	-3.554E-03	-9.957E-03	-7.350E-03	-5.882E-03	-2.688E-03	-3.186E-03	-4.6536-03	-9-8038-03	-7.2566-03	-1.6946-03	-4.070E-03	-3.883E-03	-5.8426-03	-9.34 3E-03	-7.726E-03	-8.068E-03	-2.90RF-03	-4-658E-03	-5.285E-03	-8-221E-03	-5.820E-03	-7.032E-03	-7.021E-03	-3.1386-03	-5.32 7E-03	-4.732E-03	-7.236E-03	
- ENGLISH UNITS	VELOCITY	FT/SEC	-1.797E 00		-1.798E 00	-1.797E 00	-1.798E 00	-1.798E 00	-1.797E 00	-1.797E 00	-1.798E 00	-1.797E 00	-1.796E 00	-1.796E 00	-1. TOTE 00	÷.	-1.7976 00	-1.797E 00	-1.797E 00	700 00	-1.79AF 00	-1.798E 00	-1.798E 00	-1. 798E 00	7975 00	-1.796E 00	-1.796E 00	-1.797E 00	-1.797E 00	-1.798E 00														
ENGL	LENGTH	=	31.91	31.75	31.57	31.39	31.22	31.04	30.86	30.67	30.49	30.31	30.15	29.97	29.79	29.61	29.46	29.29	21.62	28.94	28.78	28.60	28.43	28.00	27.90	27.72	27.54	27.36	27.18	27.00	26.80	26.63	26.29	26.12	25.95	25.77	25.60	25.41	25.23	58.06	24.86	24.70	24.53	
	TENSION	185	1.064E 00	1.070€ 00	1.066E 00	1.062E 00	1.055E 00	1.059E 00	1.066E 00	1.063E 00	1.061E 00	1.05TE 00	1.063E 00	1.063E 00		1.062E 00	1.060€ 00	1.061E 00	1.06ZE 00	1.065E 00	1.063E 00	1.064E 00	1.060€ 00	1.0626 00	1.056F 00	1.052E 00	1.052E 00	1.055E 00	1.056E 00		1.057E 00	1.060E 00		1.050E 00			1.062E 00	1.049E 00	1.051E 00	1.059E 00	1.066E 00	1.055E 00	1.054E 00	
	OSCL.	066	1.1	1.1	1.8	1.1	1.6	1.1	1.1	1.1	1.8	1.1	1.1	1:1	1:1	1.7	1.7			1.1	2:1		::			1.1	1.1	1:1	1.6	1.6	3	::		1.1	1.8	1.8	1.8	1.1	1.7	1:0	1.1	1.7	1.1	
	RUN	SEC	15.600	15.700	15.800	15.900	16.000	16.100	16.200	16.300	16.400	16.500	16.600	16.700	16.800	16.900	17.000	17.100	17.200	17.300	17.400	17.500	17.600	17.000	17.900	18.000	18.100	18.200	18.300	18.400	18.500	009-81	18.800	18.900	19.000	19.100	19.200	19.300	19.400	19.500	19.600	19.700	19.800	
	RCOR TIME	SEC	26.400	26.500	26.600	26.700	26.800	26.900	27.000	27.100	27.200	27.300	27.400	27.500	27.600	27.700	27.800	27.900	28.000	28.100	28.200	28.300	28.400	28.600	28.700	28.800	28.900	29.000	29.100	25.200	29.300	20.400	29.600	29. 700	29.800	29.900	30.000	30.100	30.200	30.300	30.400	30.500	30.600	

EXPERIMENTAL DATA

			TENSION		LENGTH	VEL OC 1 1V	ACCEL.	TENSICK	LENGTE	VELOCITY	ACCEL.
SEC SEC	FC 066		100		t	FT/SEC	FT/SEC/SEC	GRAP	5	CH/SEC	CH/SEC/SEC
31.000 20.2				0	23.82	.797E	-7-258E-03	782E	- 5	-478E	-224E-
		1:0		0	23.65	-1.798E 00	-4.871E-03		7.208E 02	419E	-1.485E-01
		**		0	23.47	. 797E	-2.945E-03		-	381	8.977E-
		:		0	23.31	. 797E	-4.169E-03	4.753E 02	-70	5.470E	-271F
		-	18E	0	23.15	197E	-8.703E-03			178E	2
			35E	0	22.97		-5.692E-03			38L	-1.735E-0
		•••	34E	0	22.79		-7.057E-03			3614	-2.151E-01
	-	=	36		29.22		-5.596E-03				-1.706F0
	100		1.051E	0	22.44	:	-4.970E-03		-	-5.479£ 01	-1.515E-01
			20	0	22.27	3861	-4.438E-03			₹196	-353F
	- 1	••	476	9	55.09	-		.750E	6.732E 02	.478E	-1.650E-01
100 21.3			17E	0	16.12	7	-9.317E-03		7	_	1000
	000	-	52E	0	21.75		-5.539E-03				-
	200		47E	0	21.55	w	-3.761E-03			311	-146F
	200		4.0E	0	21.39	3161	-6.862E-03	4.755E 02	115E	186	-092E-
	000	•••	32E		21.20	0	-5.707E-03		6.462E 02	478€	.739F
	000		176		20-12	197E 0	-9.122E-03		CEE	-	780E
	-	1.7	31E	2	20.84	0	-5.885E-03		6.351E 02		-794F
	_		30E	0	20.67	197E O	-3.316E-03			***	HIF
900 22.1		1.1	200	0	20.49	797E	-5.418E-03				151E-
		1.7	38E	2	20.32	.797E	-4.449E-03				156F
00 55.300		1.0	1-058E	00	20.14	.797E 0	-7.579E-03	4.798E 02	4.130E 02		-2.310E-01
			ž.	0	19.91	. 79 TE	-8-176E-03		067E	3.4776	192E-
300 22.5				0	19.79	-1.797E 00	-8.238E-03		032E	38	-2.511E-01
			SOE	2	19.62	1.7976	-3.937E-03		3005	5.478E	-300Z
			2	2	19.44	.757E 0	1.420E-04	. 705E		5.478E	-379
		•	35E	0	19.25	0	-3.262E-03		169E	_	446
			12E	2	19.08	1.797E 0	-7.417E-03	. 726E	617E	5.478E	-3192.
800 23.0	000	~-1	9 E	0	18.89	1.797E 0	-5.211E-03	3	750E		-1.588E-01
		••	1.033E	0	18.73	-1.797E 00	-8.553E-03	.688E		_	-2.607E-01
000 23.2		1.7	2	2	18.53	1.797E 0		.683E	949E	118E	-2.076E-01
			1	0	18.35	_	U.F	. 150E	394E	.477E	-1·135F-01
		8.1	12E	2	18.18	. 797E O	-3.849E-03		3406	478E	-1.1735-01
			36	0	10.81		43			476E	-2.300E-01
			116	2	17.84		-8.737E-03	4.724E 02	439E	.477E	-2.663F-01
		8.1	35E	2	17.66	-1.797E 00	-1.934E-03		3046	477E	-5.896E-02
		9.1	326	0	17.49	-1.797E 00	-3.056E-03		3316	177E	-9.314E-0
		1.1	316	0	17.31	797E	-6.938F-03		275E	5.477E	-2.115E-01
800 24.0			15E	0	17.14	79 7E	-5.831E-03	185E	-75		-1.1176-01
		1.1	36	0	16.91	-1.798E 00	-6.763E-03		1736	5.480E	-2.061E-01
00 24.200		1.1	305	0	16.80	798E 0	-5.961E-03	101	120E	480E	-1.617E-01
		1.1	8	0	16.61	. 798E 0	-5.976E-03		06 1E	-	-1.6216-0
	001	1.1	12E	0	16.43	797	-9.204E-04		DCJE	-	-2.805E-0
	200	1.1	316	0	16.25	. 796E 0	\$.100E-02		85.3E	5.4	1.554E 00
	000		300	5	14.00	1 772	1 0125-01	3779	2703	2007	

EXPERIMENTAL CATA

	77110	OSCL	TENSION	LENGTH	GTH VELOCITY	ACCEL.	TENSICA	LENGTH	VELOCITY	ACCEL.
8C08	201									
SEC	SEC	DEG	185	FT	FT/SEC	FT/SEC/SEC	GRAP	5	CHISEC	CM/SEC/SEC
200	*	1.1	00 3850 1	16 76	1 4306	-	3012	-0.36	20 70	
36 700	3,5		1.0216 00	15 61	200001	0 8666-01	4 4276 03	4 1676 02	10 2000	20135 01
			0 0337		30,7		30 33-0-1		3460	
200			10-3620.6	12.4	104496	2				
200			1.00ac 00	12.34	. 301E	3.00 re-01			-150E	
.000	72.		1.031E 00	15.23		8-936E-01		_		
1.100	25.	1.8	9.867E-01	15.13		8-874E-01			-3.630E 01	
.200	25.	1.8	9.790E-01	15.03	-1.111£ 00	8.855E-01			. 386E	2.699E 01
.300	25.	1.9	1.017E 00	14.94		8.882E-01		3465		
-400	25.	1.9	1.010E 00	14.86	9.473F-	8-845E-01		529F	-2.8126 01	
200	25.	1.8	9.7A7F-01		8.503E-	B. BADE-OI		8046		3107
600	25.800		0.0775-01	14 71	1 764E-01	20 20 20 a		70.00		3000
-			10-20-01		10-386				3046	- 1000
. 100		6.1	1.00 F 00	14.66	-6.916E-01	8-883E-01			1086	- 707E
. 800		1.9	9.928E-01	14.59	-6.080E-01	8.797E-01			853	. 681E
. 900		1.9	9.862E-01	14.56	-5.257E-01	8.791E-01	4.473E 02	4.4376 02	-1.682E 01	
0000		1.8	9.999E-D1	14.52	-4-426E-01	8-765E-01			3496	-672F
1.100		1.5	9.959E-01	14.49	-3.570E-01	8-760E-01			3886	470F
200		6.1	9.846F-01	14.67	-2.737F-01	A. 755F-01				2.449E 01
300					1 0166	4 494E-01			200	**
			0 0035	•	1011	10-36-01			20000	10 20007
				• •	101101	6 1136 01			3606	10 3076.7
2						2-43 SE-01				1.6564 01
200		5-1		•	-1.955E-02				-4.739E-01	6.496E 00
1000		1.5		-	-6.511E-03				-1.986-01	7.842E-01
. 300		2.0	1.019E 00	*	-8.306E-03	'		_	-2.532E-01	-1.1446 00
.900		6.1		-	-1.1256-02	1			-3.428E-01	-1.06SE 00
. 000		1.9	w	14.48	-1.387E-02	7		4.413E 02	-4.229E-01	-5.664E-01
1.100	0.0	1.9	w	=	-1.468E-02	1		4.414E 02	4	-1.7835-01
1.200		1.6	ш	-	-1.472E-02	-			487E-	-2.417E-02
1.300		2.0	w	=	-1-4796-02	7.646E-05	4.596E 02	405E	-569E-	2.3316-03
004-		1.5	w	14.47	-1.436E-02	-1.900E-03			377	-5.792E-02
38.500		1.9	1.021E 00	-	-	-3-214E-03	4.630F 02	4.4C7F 02	-3886	-0.797F-02
.600		1.8		-					1746	-1-379F-01
700		1.0		-	-1 4476-02	-4-874E-03	3717			10-3707
9			1 0206	•		60 30 10		4 4676 63		10-3000
		::		•		50-300-6-			10-2000	
38-900	0.0	6.1		~	:	-4-19 7E-03	-		-4106-	-1.279F-01
- 000		5.0		_		-3.903E-03			-4.466E-01	-1.189E-01
1.100		1.9		14.45		-4.197E-03 ·		4.404E 02	-4.416E-01	-1.279E-01
1.200		1.9		14.47	-1.420E-02	-4.704E-03			-4-328E-01	-1.434F-01
1.300		1.9		*		-3.652E-03	-		-4.317E-01	-1.174F-01
005-		2.0		*		L			277E-	-1.028F-01
39.500		1.9		=	F	-2.9576-03	-	4.4135 02	-4.7696-01	
600		2.0		*	-1.3446-02	2.1836-03				3000
				•	20-2005-1-	50-36-03			-1691	4
200		0.7		-	-	-Z-107E-03			-3636-	8.235E-
. 300				-	-1.422E-02	.761			L	L
.900	0.0	2.0	1.0196 00	14.41	_	-3.3566-03		4.411E 02	-3116-	-1.023E-01
.000		9-1		•				111111		1
				•	-1.395E-02	-3-4598-03	4.623E 02	4.4C7E 02	-4.251E-01	-1.207E-01

EXPERIMENTAL DATA

ACCEL. CM/SEC/SEC	-1.336-01 -1.466-01 -1.3616-01 -1.3376-01 -1.3376-01									
VELOCITY CH/SEC	-4.245E-01 -4.345E-01 -4.345E-01 -4.245E-01 -4.24F-01 -4.316E-01									
LENGTH VELOC	+++10E 02 +++10E 02 +++10E 02 +++10E 05 +++10E 05 ++10E 05 +++10E 05 ++10E 05 +++10E 05 +++10E 05 +++10E 05 +++10E 05 +++10E 05 +++10E 05 ++10E 05 ++1								TALAN DE SELVA	
TENSICN	4.628E 02 4.628E 02 4.628E 02 4.628E 02 4.628E 02 4.628E 02									
ACCEL. F1/SEC/SEC	-4.381E-03 -4.817E-03 -4.466E-03 -4.372E-03 -4.387E-03 -4.455E-03									
ENGLISH UNITS GTH VELOCITY T FT/SEC	-1,393E-02 -1,431E-02 -1,432E-02 -1,396E-02 -1,416E-02 -1,416E-02									
LENGTH FT	********									
TENSTON LBS	1.020E 00 1.019E 00 1.019E 00 1.020E 00 1.020E 00 1.020E 00									
OSCL. ANGLE DEG	2000000000									
RUN TINE SEC	0000000									
RCOR TIME SEC	40.200 40.300 40.500 40.500 40.600 40.400 40.400									

EXPERIMENTAL DATA

	1	2	8	8	28	8	8	8	88	200	8	8	8	2 8	8	8	88	38	8	8	8	8	8	88	38	8	8	8	88	38
65 65 65 60 60 60 60 60 60 60 60 60 60 60 60 60	ACCEL.	CH/SEC/SEC	-1.686	-1.7126	-1.660E	-1.584	-1.545	-1.503E	-1.514	-1.5046	-1.504	-1.553E		-1.5666	-1.5236	-1.548	-1.6436	1000	-1.543E	-1.560E	-1.498	-1.5126	-1.474	1246	-1.4536	-1.5286	-1.486	-1.558	-1.5426	20001
CATA PARAKETERS 10 = 65 NRCC = 45 NRCM = 6000 KV = 4.89 KA = 1.98	VELOCITY	CH/SEC	-5.786E-01	-5.7436-01	-5.46E-01	-5.324E-01	-5.322E-01	-5.172E-01	-5.0816-01	-5.2396-01	-5.322E-01	-5.369E-01	-5.394E-01	-5.236E-01	-5.212E-01	-5.239E-01	-5.429E-01	-201705-01	-5.112E-01	-5.155E-01	-5.068E-01	-4.970E-01	-5.041E-01	-2.240E-01	-5.1826-01	-5.158E-01	-5.390E-01	-5.153E-01	-5.225E-01	10-31/70-6-
10 10 10 10 10 10 10 10 10 10 10 10 10 1	LENGTH	3	2.224E 02	70	2-183E 02	2.1916 02	05	05	25	3 6	55	05	75	2.188F 02	65	05	25	20	05	05	70	7	2. 151E 02	36	20	02	20	2.151E 02	20	70 31 31 .7
F. HZ 0.0	TENSICN	GRAP	4.549E 02		4.569E 02				4.550E 02	4.551E 02		4.554E 02		4.548F 02			4.547E 02							20 3646			-	4.546E 02	4.551E 02	30 30tc.+
MODE	ACCEL.	FT/SEC/SEC	-5.532E-02	-5.616E-02	-5.382E-02	-5.196E-02	-5.068E-02	-4.930E-02	-4.966E-02	-5.011E-02	-4.936E-02	-5.095E-02	-5.084E-02	-5-138E-02	-4.998E-02	-5.079E-02	-5-389E-02	-5-110E-02	-5.062E-02	-5.118E-02	-4.915E-02	-4.96 IE-02	-4.835E-02	-4-830E-02	-4.767E-02	-5.015E-02	-4.875E-02	-5.113E-02	-5.058E-02	17:1316
PAY-0UT 3.00 2.00 6.00 5.00 69.40	ENGLISH UNITS	FT/SEC	-1.6986-02	-1.884E-02	-1.7695-02	-1-747E-02	-1.746E-02	-1.697E-02	-1.667E-02	-1.7196-02	-1.7465-02	-1.761E-02	-1.770E-02	-1.7186-02	-1.710E-02	-1.719E-02	-1.7816-02	-1.490F-02	-1.677E-02	-1.691E-02	-1.669E-02	-1.630E-02	-1.654E-02	-1. (215-02	-1-700F-02	-1.7056-02	-1.768E-02	-1.704E-02	-1.714E-02	-10/295-02
FP 52	LENGTH	ŧ	7.30	7.15	2:10	7.19	7.18	7.19	2:	7.20	7:1	7.17	7.18	7.18	7.16	7.16	9::		7.19	7.18	7.19	7.19	1.19	7 20	7.17	1.20	7.18	7.19	1::	11:1
ATERIAL IND. IND. IND. IND. IND. IND. IND. IND.	TENSTON	188	1.003E 00	1.007E 00	1.0676 00	1.005€ 00	1.003€ 00		1.003E 00	1.0036 00	1.003€ 00	1.004E 00	1.00ZE 00	1.003E 00		_	1.00ZE 00		_	_			1.003E 00	1.002E 00			-	1.00ZE 00	1.003E 00	
CALET OF CALET	0861.	DEG	2.0		::	1.5	53	:	5:		1:3	1.6	2	::	1.3	*:	•		1.6	1.5	1.6	1.5			1	1.6	::	*:		1.3
	NO.	SEC	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0-0	0.0	0.0	0.0		***
	SCOR .	SEC	0.0	0.100	0.300	0.400	0.500	009.	0.100	0.900	000	•100	200	1.400	. 500	009-	00.	000	2.000	001-	.200	.300	004-	2004	100	. 800	006-	000	3.100	00300

EXPERIMENTAL DATA

ACCEL.	CH/SEC/SEC	1.618	-1.542E 00		-1.528 00	-1.4736 00	-1.462E 00	1.00	0.3350	1000		1	-	1.519E	-	1.55	200 3605		-1-642E 00	-1.495E 00	-1.481E 00	-1.483E 00	_		-1-514F 00	1.483E	-	_	1.520E	-1.572E 00		-1.534E 00	-1.501E 00	-1.469E 00	-1.5226 00	٥.	: .	_	200	-	:.	2000	
VELOCITY	CP/SEC	-4.857E-01	-4.945E-01	-4.803E-01	-5.035E-01	-4.964E-01	-4.894E-01	-4.E79E-01	-4.890E-01	-4.967E-01	-4.964E-01	-4.790E-01	-4.961E-01	-5.025E-01	-4-862E-01	10-3016-6-	10-30-6-	-4-885F-01	-4-873F-01	-4.720E-01	-4.764E-01	-4.752E-01	-4.653E-01	-4.766E-01	-4.4676-01	-4.660E-01	-4.713E-01	-4.544E-01	-4.5396-01	-4.651E-01	-4-596E-01	-4.6435-01	-4.554E-01	-4.5756-01	-4.470E-01		-4.601E-01	-4.4346-01	10-3666-6-	10-366-0-	10-300-6-	10-3661-4-	
LENGIN	5	2.168E 02	2. 151E 02		2. 190E 02		-			2.191E 02	2.191E 02	2.192E 02	2.190E 02	2.193E 02	2. 189E 02	20 3691 2	2.1876 02	2. 190F 02			2.154E 02		2.154E 02	2.156E 02	2.192F 02	2.192E 02	2.154E 02	2.192E 02	2.189E 02	2.190e 02	-	2.154E 02		-		2.157E 02	-	2.155E 02	20 3361 7	20 1936 02	20 3731	20 3601.7	
LENSICA	GRAP	4.547E 02								4.550E 02						4.331E 02								4.5456 02						4.550E 02									2406	4.5466 02		2000	
actet.	FT/SEC/SEC	-5-309E-02	-5.058E-02	-4.815E-02	-5.015E-02	-4.834E-02	-4.758E-02	-4-803E-02	-4.752E-02	-4.574E-02	-5-118E-02	-5.093E-02	-5.112E-02	-4.983E-02	-5.011E-02	20.000	-20-1716-02	-5.001F-02	-4-730E-02	-4.904E-02	-4.860E-02	-4.864E-02	-4.758E-02	-4.857E-02	-4.973F-02	-4.864E-02	-5.125E-02	-4.558E-02	-4.988E-02	-5.159E-02	-5-135E-02	-5.032E-02	-4.925E-02	-4.820E-02	-4.994E-02	-4.769E-02	-4.843E-02	-4-915E-02	-4-124E-02	-4.896E-02	-4.0000-02	-5-15 /E-02	-
VELUCITY	FT/SEC	-1.593E-02	-	-1.576E-02	-	-	-1.606E-02	-1.601E-02	-1.604E-02	-1.610E-02	-1.629E-02	-1.572E-02	-1.628E-02		-	70-36-10-1-	70-346-1-	-1.4036-02	-1.5996-02	-1.5486-02	-1.563E-02	-1.5596-02	-1.527E-02	-1.5646-02	-1.5416-02	-1.529E-02	-1.546E-02	-1.491E-02	-1.489E-02	-1.939E-02		-1.523E-02	-1.494E-02	-1.501E-02	-1.466E-02	-1.463E-02	-1.509E-02	-1.455E-02	-1.461E-02	-1.507E-02	-1.5116-02	-1.5735-02	j
LENGIN	FT	7.18	7.19	7.19	7.19	7.20	7.19	7.20	7.19	7.19	7.19	7.19	7.18	7.19	7.18		7.17	7.18	7.19	7.19	7.20	7.20	7.20	7.20	7.19	7.19	7.20	7.19	7.18		7.19	7.20	1.20	1.20	1.22	7.21	7.21	7.20	1.51	7.20	170,	2.5	
NOTENS!	587			002E					1.002E 00	1.003E 00		ш			1.003E 00	1 0035 00	1.0046	1.003F 00			1.003E 00		1.002E 00			003E	3200	1-00ZE 00	003E	1.003E 00		002E				3100	002E	3000	1.0025 00		1.0025 00		
ANGLE	930	1.6	1.4	1.6	1.5	1.6	1.5	1.5	1.6	*:-	1.5	1.5	1.5	1.5	5:	3:	1.5	9-1	1.	1.5	1.5	1.7	1.5		9	1.5	1.5	1.5	1.5		5:	1.5	1.6	1.5	3	-	•	::	::				
TINE	SEC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0	0.0	0.0	0.0	0.0	0.0		0.0							0.0	0.0	0.0	0.0	0.0	0.0		200				
TIME	SEC	3.400	3.500	3.600	3.700	3.800	3.900	000	4.100	4.200	4.300	4.400	4.500	4.600	002-4	000	2000	2.100	5.200	5.300	2.400	2.500	2.600	000	2.900	0000-9	6.100	6.200	6.300	000	6.600	6. 700	008.9	006.9	2.000	2.100	7.200	7.400	200	2000	7.700	200	חחפין

EXPERIMENTAL DATA

		1500	TENETON	I ENC TH	CTH VELOCITY	Afrei	TENCICA	. CACTE	250000	ACCEL
RCOR TIME	T E	ANGLE		TENO III		-1377		Lengt	11170724	40000
SEC	SEC	990	185	1	FT/SEC	FT/SEC/SEC	GRAF	5	CHISEC	CM/SEC/SEC
.000	0.0	1.6		7.19	-1.528E-02	-5-126E-02	4.551E 02		-4.658E-01	562E
100	0.0	1.5	1.003€ 00	7.18	115	-5.151E-02	550E	2.187E 02	-4.604E-01	-1.570E 00
8.200	0.0	1.6		7.19	495	-5.028E-02	5438		.557	-1.533E 00
.300	0.0	1:1		7.21	-1.488E-02	-5.062E-02			-4.534E-01	7
8.400	0.0	1.6		7.21	-1.465E-02	-4.916E-02	4.542E 02		-4.466E-01	-1.499E 00
8.500	0.0	1.6		7.21	-1.528E-02	-5.032E-02	4.544E 02		-4.658E-01	534E
8.600	0.0	1.1		7.22	-1.503E-02	-4.892E-02	542E		-4.582E-01	1.491E
2.700	0.0	1.5	1.001E 00	7.22	-1.495E-02	-4.908E-02	540F	150	-557E-	1.496
8-800	0.0	1.6		7.21	457		3675	2.157F 02	-4-440F-01	1-42RF
000	0-0	1.6		7.21		-4-9235-02	34.76	96	-4-5156-01	SOOF
0000	0.0	9-1		7.22	-		3175	2.1996 02	-4.548E-01	470E
001				1 30	•	4 0436 03		700	10 30175	
200				200	20-304-1	-4-34-CE-02	2446		10-2100	1.500
007-6	0.0	•		07.	:	-4. 784E-02		2.156E 02	-4.5CIE-01	.458E
9.300	0.0	1.5	1.00ZE 00	7.20	-1.4736-02	-5.01 6E-02			-4.505E-01	
004-	0.0	1.5	1.002E 00	7.21	-1.480E-02	-4.856E-02			-4.511E-01	-1.480E 00
5.500	0.0	1.5	1.003E 00	1.19	-1.531E-02	-4.939E-02	4.551E 02		-4.666E-01	-1.506E 00
009-6	0.0	1.5	1.003E 00	7.20	•	-5.039E-02	551E	2.195E 02	-4.486E-01	-536E
700	0-0	1.6	1.003E 00	7.20	-1.486F-02	-4-994F-02	SARE		-4. 529E-01	1.5226
800	0.0	1.7	1.0016 00	7.20	9	-4.014F-02	3175	3009	-4.568E-01	4006
900	-			1.20	ĸ	-4-8786-02	2000	2 1986 03	4 K30K-01	70.00
000		**	0	7.21	•	74.06-02	2416		10-36-01	7666
			0	7 31		-4-00 ME-02	2775	8 12		***
200	0.0		1.0016 00	7.33	-1-4086-02	7.7646-02			202	
300			1.0016 00	7.33		4446	4. 5416 03	2, 2005 02	26.50	
			•			20-30-01		107	100000	3774.
	•		2001	7.56	•	20-30E-07	3160	70 3007.7	10-3775-0-	
200			•	77.		70-3846-6-	2405	33	10-3647	1775
0000	0.0	=	1.001E 00	12.7		-4.46 TE-02		2.196E 02	-4.356E-01	:
002 0	0.0	-	1.00ZE 00	1.21	-1.423E-02	-4-832E-02			.33	
0-800	0.0	1.5	1.002E 00	7.22		-4.650E-02			-4.399E-01	417E
0.900	0.0	1.5	1.001E 00	7.21	-1.455E-02	-4.752E-02	4.542E 02	2.157E 02	-4.434E-01	-1.448E 00
11.000	0.0	1.5	-	7.22	-1.443E-02	-4.792E-02	4.546E 02		-4.399E-01	3194·
100	0.0	1.6		7.20	-1.476E-02	-4.861E-02	4.548E 02	1	-4.500E-01	-1.482E 00
11.200	0.0	1.6		7.21	-1.429E-02	-4.995E-02	4.545E 02		-4.357E-01	523E
1.300	0.0	1.6	1.002E 00	7.20	-1.433E-02	-5.021E-02	4.545E 02	2.195E 02	-4.369E-01	530E
1.400	0.0	1.1		7.21	-1.465E-02	-5.099E-02	4.540E 02	2.197E 02	-4.466E-01	554E
1.500	0.0	1.6		7.21	-1.401E-02	-4-931E-02	546F	100	-4-270E-01	1.503E
1.600	0.0	1.1	1.001E 00	7.22	-1.410E-02	-4-869E-02		2.200E 02	-4.258F-01	F
11.700	0.0	1.7		7.23	-1.4636-02	-4-898E-02	54.2E	2.202F 02	-4-460F-01	1.6936
11.800	0-0			7.22	-1-410F-02	-4-458F-02	4 30E		-4. 207E-01	1.43.2E
000				1 33	-1 4106-02	4 4736-02	2075	20000		
000				1	4236 03	30-3710-1	3	20 26020		1000
200	2			200	-10-455-05	70-3006-6-	3416	20 3E 07-7	10-3666-6-	1.214
001-7	0.0	6.1		1.22	-1.411 E-02	-4-15 /E-02	=	7	-4.259F-01	
2	0.0	-		7.21	. 430	-4.637E-02	9	2.198E 02	-4.377E-01	-1.4136 00
7.300	0.0	1:6	1.002E 00	7.21	-1.452E-02	-4.692E-02	26	2.158E 02		-1.430E 00
000	0.0	1.6		7.22	-1.477E-02	-4.760E-02	4.542E 02	2.200E 02	-4.503E-01	-1.451F DO
							-			

EXPERIMENTAL CATA

RCDR	RUN	OSCL.	TENSION	LENGTH	VELOCITY	ACCEL.	TENSICK	LENGTE	VELOCITY	ACCEL.
SEC	SEC	DEG	185	Ħ	FT/SEC	FT/SEC/SEC	GRAP	•	CP/SEC	CM/SEC/SEC
2.600	0.0	1.6	002E	7.21	-1.4195-02	-4.961E-02		19.8E	-4.326E-01	-1.5128
100	0.0	1.6	1.002E 00	7.20		-4.863E-02	4.547E 02	2.154E 02	276	-1.482E
15.800	0.0	9.	1.003E 00	7.20	-1.435E-02	-5.150E-02		196	374	•
006	•	•		7.20	-	-4.876E-02	.544E	155E	3666	-1.486E
000		:		1.22		-5-135E-02		1996	914.4	-1.565E
001		9.1		1.21	•	-5.018E-02	4.543E 02	3661	-4.325E-01	
200		1.8		7.23	•	-4.7636-02		203E	-4.262E-01	
300	0.0	1:2	-001E	7.22	-1.392E-02	-4.680E-02	4.539E 02	30 1E	1	-1.4276
004		1.7	-3766.	7.24	•	-4.822E-02		390Z	-4.240E-01	7
200	0.0	1:1	9.452E-01	7.23	1.395E-02	1.123€ 00		3€02	4.2516-01	•••
3.600	0.100	1.7	-488E-	7.25	3-1456-01	4.150E 00		2.209E 02	9.586E 00	_
100	0.200	1.6	166.	7.30	-361E-		.5346	224E	1.939€ 01	_
900		1.6	•	7.38	8.902E-01	2.696E 00	.692E	349E	2.7136 01	
006	0.400	1.5	•	1.48		2.689E 00		200E	3.478E 01	8.197E
4.000	0.500	1.1	9.135E-01	19.7	1.385E 00	2.667E 00		3616	4.220E 01	8.129E
4-100	0.600	1:1	. 164	7.78	0	2.636E 00		301E	4.965E 01	
4.200	0.100	-:	8	1.94				122E	5.538E 01	
300	0.800	1.6	9.555E-01	8.13	1.838E 00	-1.270E-01		1 19E	5.601E 01	'
004	0.900	1:1	9.051E-01	8.30	ш	-6.501E-02		30E	5.500E 01	1
4.500	1.000	1.7	. 83	8.48		-2.526E-02		388E		-7.699E-
009-	1.100	1:1	. 15	99.8	1.831E 00	-5.745E-02			906	-1.7516
4. 700	1.200	1.9	9.450E-01	8.85		-3.196E-02		7.699E 02	5.501E 01	-9.742E-(
200	1.300		9.560E-01	9.04	832E	-3.843E-02		154E	34	-1.171E
0000	004-1	2:	9.040E-01	07.6		20-3462·4-		8036	2.5836 01	-1.309E
200	2000		10-3487-0	9.39	1.6335 00	-3.6236-02		20 ZE		1.104
200	000-	::	2	7.50		-2.0025-02		3116	10 3696.6	-1.500
200	000		10-300-01		-	-3.8776-02		2.569E 02		3281°1-
300	0000			88.6	1.831E 00	-4-183E-02		3.012E 02		: .
200	006-1		4	10.00	_	-3.3001-02		3. COBE 02		÷.
200	7.000			10.23					3.584E 01	:
2.600	2.100		9.204E-01	10.41	1.83ZE 00			173E	388E	-1.278E
000	2.200		9.201E-01	10.58		20-106-05			2.5456 01	i.
900	2.300		7	10.76		-		3182	5636	:
006	7.400		.32	10.94	-				306	:
000	7.500	-		11.11	1.831E 00	-4.393E-02	4.283E 02		2006	:
001-9	2.600		2	11.27	1.83ZE 00	9				-1.1946
002.9	2.700	1.5		11.46	-	-3.896E-02				=
6.300	2.800	1.5	9.443E-01	11.65	1.832E 00	:			5.583E 01	_
004	2.900	1.9	•	11.83		-5.082E-02				-1.549
6.500	3.000	1.7	.21	12.00	1.831E 00	-4.145E-02			5.582E 01	
009.9	3.100	1.8	.23	12.18		-		3.7136 02		
9. 100	3.200	2.1	-	12.36		-3.324E-02			2	-1.0136
6.800	3.300	1.8		12.53	ш.	4:0		3.8196 02	5.581E 01	:
16.900		1.8	.28	12.72	1.831E 00	3.5			5.581E 01	1.085
000		1-1		12.89		-4-276F-02	4. 20SE 02		S SESE OF	-1-202E
							,	37.00	7	

EXPEPTMENTAL DATA

=	TENSTON	LENGTH	VELOCITY	ACCEL.	LENSICA	LENGIN	VELOCITY	ACCEL.
5	S	11	FT/SEC	F1/SEC/SEC	GRAP	5	CP/SEC	CM/SEC/SEC
.33	16-91	13.24		-3.527E-02	4.232E 02	4.035E 02	5.580E 01	-1.075E 00
	9	13.42	-	-4.078E-02				-1.2436 00
-21	E-01	13.60	1.830E 00	-4.434E-02	4.1786 02	4.146E 02	5.578E 01	
9.221E-0	5 8	2.5	830E	-4.286E-02	.182E			
210	3 6	14.13	1.830 00	-4-89 SE-02	4 1935 02		10 3080°C	-1.472
27	5	14.31		-3.786F-02	2086	4.361E 02		
.29	5	14.49		-4.878E-02		-		
9.2196-0	6	14.67		-4.111E-02	4.182E 02	4.472E 02		-1.253E 00
.36	Ş	14.84		-4.370E-02			5.580E 01	-1.3326 00
. 29	5	15.02		-4.351E-02			5.501E 01	-1.326E 00
-	-	15.20		-2.854E-02		4.633€ 02	5.580E 01	-8.700E-01
9.310E-0	=	15.36	0	-3.831E-02		4.683E 02	5.500E 01	-1.168E 00
9.273E-0	~	15.54		-3.852E-02		4.736E 02	5.501E 01	-1.1746 00
-	-	15.72	0	-5.204E-02	4.163E 02	4.751E 02	5.500E 01	-1.586E P.O
9.230E-0	_	15.88	0	-4.425E-02		4.840E 02	5.579E 01	-1.3456 00
9.356E-0	-	16.06	-	-3.148E-02	-	4.856E 02	5.5796 01	-9.594E-01
	_	16.23	1.830E 00	-4.324E-02		4.547E 02	5.577E 01	-1.310£ 00
9.216E-0		16.40		-3.774E-02	4.180E 02	5.000E 02	5.501£ 01	-1.1506 00
9.284E-0		16.58		-4.735E-02		5.054E 02	5.500E 01	-1.43E 00
9.308E-01		16.74	1.830E 00	-4.211E-02	4.222E 02	5. 104E 02	5.5776 01	-1.2046 00
9-1106-0		16-93	7000	-4.698E-02		5.1596 02	5.577E. 01	-1.4326 00
9-1405-01		17.10	_	20-100-05		5.2126 02	3.578 01	
91136-01		27. 21		20-369E-02		20 3607.6	10 3086.C	00 3400-1-
2006		17 46	1.830E 00	-3.00 ZE-02	4-161e 02	5.321E 62	2.5776 01	
		17.83	-0	20-3176-6-		20 3000	3000	
				20-36-17-6	20 3001 .	20 355 05	10 30000	20 37/7-1-
27.5	Ŧ			2 2036-02			3000	2000-1-
9.284E-	::	18 24		- C. 1035-02		20 20 20 20 20 20 20 20 20 20 20 20 20 2	203116 01	10-3667-0-
9.22 AF	: :			3 44 05-02		20 36 36 77	2000	
9.223F-	5	18.70		-4.144E-02		S. 4996 03	6. 5806 AI	346.1
9-294E-0	E	18.88		-4-404E-02		\$.754£ 02	4.5746 01	
9-218E-0	E	19.06		-1.0226-02			6.4746 gt	
9.123E-01	6			-5.362F-02			5.5756 01	-1-4346 00
-086E	5	19.42	-	-2.810E-02			5.578E 01	-8.564E-01
9.1446-(-01			-4.678E-02			5.581E 01	
.201	5			-4.549E-02		6.022E 02	5.574E 01	-1.387E 00
9.142E-01	=	19.94	0	-4.689E-02		6.078E 02	5.578£ 01	-1-429E 00
-	5	20.12		-4.857E-02		6.134E 02	5.5736 01	-1.4806 00
.26	5		0	-2.289E-02		6.1936 02	5.575E 01	-6.976F-01
.33	5		0	-3.958E-02		6.245E 02	5.576£ 01	
.20	0		0	-3.647E-02	0	6.304E 02	5.575E 01	-1.112E 00
9.044E-01	10		1.830E 00	-4.076E-02	4.102E 02	6.35EE 02	5.5776 01	-1.242E 00
9.103E-			1.829E 00	-5.750E-02	0	6-412F 02	5.574F 01	-1.753E 00
•	0		•					

EXPERIMENTAL CATA

						1000	TENETON			12000
RCOR	RUN	OSCL.	TENSION	LENGTH	AET OCT II	ALLEL.	LENSTER	Leneir	AFFORTIA	ALLEL.
66	SEC	DEG	1.85	t	FT/SEC	FT/SEC/SEC	GRAP	ð	CP/SEC	CM/SEC/SEC
800	8.300	1.8	9.115E-01	21.38	.830E	-4.249E-02	-		5.5786 01	-1.295E 00
21.900	8.400	2.1	5.166E-01	21.55	829E	-3.334E-02	-		5.574E 01	-1.016E 00
22.000	8.500	1.8	9.227E-01	21.12	_	-3.636E-02	4.185E 02		5.576E 01	-1.108E 00
22.100	8.600	1.9	9.204E-01	16.12	1.829E 00	-6.020E-02		6.6776 02	5.575E OL	
200	8.700	1.9	9.245E-01	22.07	ш	-2.012E-02			5.573E 01	-6.134E-01
300	8.800	1.8	9.285E-01	22.23	w	-4.748F-02	4.211E 02		5.576E 01	-1.447E 00
009	8.900	1.9	9.245E-01	22.40	1.829E 00	-3.752E-02	4.154E 02		5.574E 01	-1.14E 00
200	000-6	2.2		22.59	w	-3.978E-02	4.1616 02		5.573E 01	-1.212E 00
22.600	9.100	1.8	9.146E-01	22.11	1.829E 00	-5.174E-02	4.1498 02		5.574E 01	-1.760E 00
700	9.200	1.9		22.95	w	-3.017E-02	345		5.572E 01	-9.195E-01
000	9.300	2.0	9.254E-01	23.13		-4.840E-02	-		5.573E 01	-1.475E 00
000	9.400	2.3	9.260E-01	23.31	829E	-2.383E-02	DOE		5.575E 01	-7.264E-01
23.000	9.500	1.6		23.49	829E	-2.936E-02			5.576E 01	-8.948F-01
100	9.600	2.1	9-176E-01	23.66	829E	-5.560E-02	-		5.576E 01	695E
23.200	9.700	2.2	9.197E-01	23.84	829E	-2.977E-02			5.5766 01	-9.073E-01
23.300	9.800	1.6		24.01	-	-5.257E-02	.170E	7.316E 02	5.577E 01	-1.602E 00
23.400	9.900	2.2		24.17	827E	-2.404E-02			5.570E 01	-7-327E-01
200	10.000	1.6	-	24.35	829E	-3.186E-02	88E		5.574E 01	-9.712F-01
009	10.100	2.5		24.53	829E	-4.754E-02	-174E		5.576E 01	-1-44SE 00
00	10.200	1.8	1	24.69	829E	-3.214E-02			5.5746 01	-9.797E-01
23.800	10.300	1.6	9.170E-01	24.87		-4.982E-02	4.159E 02	7.581E 02	5.572E 01	-1.518E 00
000	10.400	2.0	9.2436-01	25.03		-3.087E-02			5.569E 01	
24.000	10.500	1.5	9.3066-01	25.21		-3.740E-02			5.577E 01	
00	10.600	1.1	1	15.39	w	-4.952E-02			5.56BE 01	-1.504E 00
24.200	10.700	2.0	1	25.56		-2.940E-02			133.5	
00	10.800	2.2	1	25.76		-5.105E-02			5.572E 01	-1.581E 00
00	10.900	1.5	-338E-	55.52		-2.865E-02	_		5.571E 01	-1.7336-01
200	11.000	1.9	-333E-	26.12		-3.570E-02			5.574E 01	-1.088E 00
24.600	11-100	2.2	-33E-	26.31		-4.677E-02	388		5.5746 01	-1.425E 00
24.700	11.200	2.3	1	56.49	_	-1.842E-02			5.576E 01	-5.613E-01
800	11.300	2.2	-344E -	26.66	_	-5.562E-02	4.238E 02		5.577E 01	-1.699E 00
000	11.400	1.5	9.356E-01	26.84	ш	-2.583E-02			5.572E 01	173E-
000	11.500	2.2	9.323E-01	27.03	_	-4.082E-02			5.5746 01	-1.244E 00
00	11.600	2.2		27.19		-5.063E-02	4.211E 02		5.567E 01	-1.543E 00
25.200	11.700	1.6		27.36		-1.367E-02	-		5.570€ 01	-4.165E-01
25.300	11.800	2.0		27.54	828E	-4.875E-02	-		5.571E 01	-1.484E 00
001	11.900	2.0		27.72	827E	-2.131E-02	-		5.570E 01	-6.496F-01
25.500	12.000	1.8	9.279E-01	27.89		-4.731E-02	4.2098 02		S.571E 01	12E
009	12.100	2.1		28.05	1.826E 00	-4.571E-02	1000		5.567E 01	193E
001	12.200	1.6		28.23	829E	-2.224E-02			5.573E 01	-6.780E-01
006	12.300	2.3		28.40	829E	-5.3776-02		17E	5.574€ 01	639E
006	12.400	1.6		28.60	82 BE	-2.948E-02			5.570E 01	-8.985E-01
000	12.500	2.0	9.081E-01	28.78	828E	-4.2576-02			5.572E 01	-1.298E 00
100	12.600	2.2			828E	-4.295E-02			5.5726 01	-1.309E 00
200	12.700	2.2		-	RZOF O	-2.3296-02			745	-7.098 F-01
300	12.800	***		: '	3000		1000	310		
			۱		200	20000			. 6746	3778

EXPERIMENTAL CATA

RCDR	RUN	OSCL.	TENSION	LENGTH	VEL OC LTY	ACCEL.	TENSICA	LENGTH	VELOCITY	ACCEL.
SEC	SEC	DEG	185	FT	FT/SEC	FT/SEC/SEC	GRAP		CP/SEC	CM/SEC/SEC
400	12.900	2.3	9-1395-01	29.48	.828E	-1.471E-02			512E	-4-483E-0
005.9	13.000	1.5	9.077E-01	29.64	w	-4.897E-02	117E	9.036E 02	5.575E 01	
26.600	13.100	1.9	9.130E-01	29.82	.827E	-3.704E-02			3695 ·	-1.129E 0
26.700	13.200	2.2	9.178E-01	86.62		-3.744E-02				
800	13.300	2.3	9.149E-01	30.17	1.627E 00	-5.158E-02	4.150E 02			-1.572E 00
006	13.400	1.1	9.128E-01	30.33		-1.396E-02	-	-	.569E	-3+65
27.000	13.500	2.1	9.153E-01	30.50		-4.564E-02				391E
001	13.600	1.1	9.164E-01	30.68	827E	-3.881E-02			.569E	-
200	13.700	2.3	9-198E-01	30.85	828F	-3.349F-02			573F	-1.021F 0
300	13.800	1.9	9-193E-01	31.04	828F				5726	1 . RARE
004	13.900	1.4		31.21	8275	-1-11 TE-02			570F	
200	14.000	1.6	1	31.40	828E	-4-293E-02			5.571E 01	308F
009	14.100	1.7	9-131E-01	31.58	828E	-3.459E-02	142E		.572E	-
200	14.200	1.5		31.77	828E	-3.494E-02			573E	1.065E
27.800	14.300	1.5	1	31.95	828E	-5.682E-02	.143E	-	-570E	1.732
900	14.400	1.6		32.13	828E	-7.221E-03			.571E	201F
000	14.500	2.4	1	32.30	828E	-4.278E-02		-	-	
001	14.600	2.3		32.48	826E	-3.079E-02			5.566E 01	3835
200	14.700	2.1		32.66	828E	-3.326E-02				3410
300	14.800	1.7	9.231E-01	32.82	ш	-5.635E-02		-	567E	-1.718E 00
004	14.900	1.5	9.1766-01	33.00		-1.771E-02	-	1.CCEE 03		-5.399E-0
200	15.000	1.6		33.18	w	-4.540E-02	4.123E 02		5.569E 01	-1.384E 00
909	15.100	2.2		33.35	1.827E 00	-2.807E-02	4.120E 02	1.016E 03		
200	15.200	1:1	9.131E-01	33.51	ш	-3.732E-02		02 1E	5.569E 01	-1.137E 00
000	15.300	2.0	9.207E-01	33.68		-5.491E-02		027E	7	874E
900		2.0		33.86		-2.044E-02	. 186E	03 2E	.571E	
000	15.500	1:1	9.203E-01	34.04	1.827E 00	-5.41 1E-02				-1.649E 00
007	15.600	1.0	9.125E-01	34.23		-2.933E-02	-3	043E		-8.940E-0
200	15.700	1:6	1	34.41	ш	-3.522E-02		3540		-1.073£ 00
300		1.5	9.138E-01	34.58		-5.401E-02			5.572E 01	-1.646E 0
000	15.900	1.9		34.17		-1.457E-02	. 158E		369E	-
200		2.0	9.165E-01	34.65		-5.108E-02		36 9E	90	-1.957E 00
009	16.100	1.9		35.12	_	-2.514E-02	-		5.568E 01	-7.663F-01
200		1.5		35.30		-2.962E-02		Diet		-9.029E-0
900		1.9		35.48	_	-4.909E-02		3280	_	-1.496E 0
006		1.8		35.65		-2.009E-02		3876	-	-6.123E-0
000	16.500	1.9	-	35.83		-5.843E-02		9250	368E	-1.781E 0
100	16.600	2.1		36.02		-3.483E-02				-1.062E 00
200	16.700	1.6	9.116E-01	36.19		-4.037E-02		1.103E 03	568E	30E
300	16.800	2.2		36.36		-4.150E-02		-		26 SE
004	16.900	2.3	1	36.53	1.827E 00	-2.135E-02	4.175E 02		-569E	6.507E
200	17.000	2.4		36.71	827E	-4.809E-02			369E	.466E
009		2.3		36.87	827E	-2.767E-02			568E	-8.434E-01
30.700	17.200	1.9	-	37.05		-4.53 8E-02		29E	570E	363E
000				37 76	10					
000	٠		ī	67016	-	-5-0205-07		1.1356 03	5.56EE 01	-1.539E 0

EXPERIMENTAL DATA

	2	TENSION	LENGTH	VEL OC I IV	ACCEL.	TENSICK	LENGTH	VELOC I IV	ACCEL.
1.00 1.0 1.00 1			11	FT/SEC	FT/SEC/SEC	GRAP	à	C#/SEC	CH/SEC/SEC
17.000 1.00			37.60			83E	1.146E 03	.570E	-1.5455 00
17.700		21E	37.78	827E		33E		-568E	28 2F
17.000			37.57		-4.434E-02	376		369E	352E
17.900		=	38.14	82 7E	-	33E	177	567E	36 90
16.000 1.5 9.1456 0.5 1.07		=	38.31	827E	-2.300E-02	33E	1	\$70E	-3600
18.700 1.5 5.156E-01 38.65 1.6276 00 3.1095 02 1.1876 03 5.566 01 1.5896 10 1.5896 1.5896 10		÷	38.47	9276		3941		570E	3486
18.200 2.1 9.228F-01 39.02 1.628f 00 4.456F-02 4.1995 02 1.189f 03 5.546f 01 1.536f 01 1			38.65	827E	-3.219E-02	51E	970	369€	812E
16.500 1.6 9.217F-01 39.01 1.8266 00 -4.709F-02 4.1186 02 1.1546 03 5.5666 01 -4.508 03 1.648 03 5.5666 01 -4.508 03 1.648 03 5.5666 03 -4.508 03 1.648 03 5.566 03 -4.508 03 5.566 03 -4.508 03 5.566 03 -4.508 03 5.566 03 -4.508 03 5.566 03 -4.508 03 5.566 03 -4.508 03 5.566 03 -4.508 03 5.566 03 -4.508 03 5.566 03 -4.508 03 5.566 03 -4.508 03 5.566 03 -4.508 03 5.566 03 -4.508			38.82	928E	-4.456E-02			571E	356E
16.400 1.6 9.15/18-51 39-17 1.8278 00 -3.0195-02 4.1188 02 1.1978 03 5.5688 01 -3.3228 16.400 2.5 9.1508-01 39-25 1.8278 00 -2.5978-02 4.1188 02 1.2268 03 5.5688 01 -7.3258 1.8278 03 5.5688 01 -7.3258 1.8278 03 5.5688 01 -7.3258 1.8278 03 5.5688 01 -7.3258 1.8278 03 5.5688 01 -7.3258 1.8278 03 5.5688 01 -7.3258 1.8278 03 5.5688 01 -7.3258 1.8278 03 5.5688 01 -7.3258 1.8278 03 5.5688 03 5.5688 03 -5.5688		57E	39.01	826E	-4.704E-02	366		566E	434E
18,500 2.5 9.1026-01 39.52 1.027F 00 -5.457F-02 4.120F 02 1.2070 03 5.567F 01 -1.132F 10.570 1.5 1.2070 02 5.567F 01 -1.132F 10.570 02 5.567F 01 -1.135F 02 5.567F 01 -1.135F 10.570 02 5.567F 01 -1.135F 02 5.567F 01 -1.135F 10.570 02 5.567F 01 -1.135F 02 5		17E	39.17		-3.019E-02	916		568E	-9.202E-01
18-600 2.5 9-1795-01 39-35 1-8275 00 -2-3675-02 4-1256 02 1-2206 03 5-5665 01 -7-1395 18-700 1-8 9-2645-01 39-25 1-8275 00 -4-3765-02 4-1256 02 1-2216 03 5-5665 01 -7-1395 18-700 1-8 9-2565-01 39-25 1-2216 02 1-2216 03 5-5665 01 -7-1395 19-700 1-8 9-2565-01 39-25 1-2216 02 1-2216 03 5-5665 01 -7-1395 19-700 2-5 9-2565-01 4-122 1-2216 02 1-2216 03 5-5665 01 -7-1395 19-700 2-5 9-2565-01 4-122 1-2216 03 5-5665 01 -7-1395 19-700 2-5 9-2565-01 4-122 1-2216 02 1-2216 03 5-5665 01 -7-1395 19-700 2-5 9-2565-01 4-122 1-2216 03 5-5665 01 -7-1395 19-700 2-5 9-2565-01 4-122 1-2216 03 2-2216	_		39.27	827E	-4.305E-02			367E	.312E
18,000 2.2 9.124f=01 39.52 1.827E 00 -4.3181=02 4.118E 02 1.21E 03 5.596E 01 -1.334E 18,000 1.6 9.224f=01 39.52 1.827E 00 -4.3181=02 1.21E 03 5.596E 01 -1.334E 19,000 2.5 9.102f=01 40.06 1.827E 00 -3.43f=02 4.12fE 02 1.221E 03 5.596E 01 -9.79f=14,000 2.5 9.102f=01 40.06 1.827E 00 -2.489f=02 4.12fE 02 1.221E 03 5.596E 01 -9.79f=14,000 2.5 9.102f=01 40.06 1.827E 00 -2.489f=02 4.12fE 02 1.221E 03 5.596E 01 -1.334E 19,000 2.5 9.102f=01 40.06 1.827E 00 -2.489f=02 4.12fE 02 1.221E 03 5.596E 01 -1.234E 19,000 1.6 9.106f=01 40.07 1.827E 00 -3.776f=02 4.13fE 02 1.22fE 03 5.596E 01 -1.234E 19,000 1.4 9.116f=01 41.00 1.827E 00 -1.942f=02 4.13fE 02 1.24fE 03 5.596E 01 -1.234E 19,000 1.4 9.116f=01 41.00 4	_	0	39.36	827E	-2.567E-02		- 70	368E	125E-
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19,200 2.4 9,1966-51 40,42 1,8276 00 -4,046-62 4,1386 02 1,2236 03 5,596 01 -1,2338 19,300 1.6 9,1966-51 40,041 1,827 1,8276-02 4,1816 02 1,2436 03 5,596 01 -1,2436 19,400 1.6 9,1186-51 40,041 1,922 1,8276 02 1,466 02 1,2436 03 5,596 01 -1,4156 19,400 1.4 9,1186-01 41,12 1,8276 03 -1,466 02 1,2436 03 5,596 01 -1,4156 19,400 1.4 9,1186-01 41,12 1,8276 03 -1,466 02 1,2436 03 5,596 01 -1,4156 19,400 1.4 9,1186-01 41,13 1,8276 03 -1,466 02 1,2436 03 5,596 01 -1,4156 19,400 1.4 9,1186-01 41,46 1,8276 03 1,246			40.24	w	-2.4896-02	125E	0	369E	-7.585E-01
19300 1.9 9.1965-51 40.61 1.627E 00 -3.770E-02 4.117E 02 1.238E 03 5.546E 01 -1.128E 195.00 1.49 9.1965-51 40.75 1.628E 00 -3.770E-02 4.146E 02 1.238E 03 5.546E 01 -3.918E-19 40.75 1.628E 00 -1.0428E 03 5.546E 01 -3.918E-19 40.75 1.628E 00 -1.0428E 03 5.546E 01 -3.918E-19 40.75 1.628E 00 -1.0428E 02 1.238E 03 5.546E 01 -1.238E 19.800 1.4 9.1416-01 41.30 1.627E 00 -1.0428E-02 4.146E 02 1.239E 03 5.546E 01 -1.238E 19.800 1.4 9.1416-01 41.30 1.627E 00 -3.043E-02 4.157E 02 1.239E 03 5.546E 01 -1.238E 19.800 2.2 9.1416-01 41.81 1.627E 00 -3.043E-02 4.157E 02 1.234E 03 5.546E 01 -1.394E 20.0100 2.4 5.1276-01 41.81 1.627E 00 -4.394E-02 4.157E 02 1.234E 03 5.546E 01 -1.394E 20.0100 2.4 5.1276-01 42.34 1.627E 00 -4.394E-02 4.157E 02 1.234E 03 5.546E 01 -1.394E 20.0100 2.4 5.146-01 42.34 1.627E 00 -4.394E-02 4.157E 02 1.234E 03 5.546E 01 -1.394E 20.0100 2.4 5.146-01 42.34 1.627E 00 -4.394E-02 4.157E 02 1.234E 03 5.546E 01 -1.394E 20.0100 2.2 9.102E-01 42.34 1.627E 00 -2.594E-02 4.157E 02 1.234E 03 5.546E 01 -1.234E 20.0100 2.2 9.102E-01 42.34 1.627E 00 -2.594E-02 4.134E 02 1.334E 03 5.546E 01 -1.234E 20.0100 2.2 9.121E-01 42.34 1.627E 00 -2.594E-02 4.134E 02 1.334E 03 5.546E 01 -1.234E 20.0100 2.2 9.146E-01 43.43 1.627E 00 -4.394E-02 4.134E 02 1.334E 03 5.546E 01 -1.234E 20.0100 2.2 9.146E-01 43.43 1.627E 00 -2.394E-02 4.134E 02 1.334E 03 5.546E 01 -1.234E 20.0100 2.2 9.146E-01 43.43 1.627E 00 -2.394E-02 4.134E 03 5.546E 01 -1.234E 20.0100 2.2 9.146E-01 43.42 1.627E 00 -2.394E-02 4.156E 03 5.546E 01 -1.234E 20.0100 2.2 9.146E-01 4		26E	40.42	w	-4.047E-02	139E	0	570E	-1.233E 00
19,400 2.0 9,718E-41 40,78 1,828E 00 -3,275E-02 4,118E 02 1,228E 03 5,547E 01 -9,982E-19 4,118E 10,827E 00 -1,942E-02 4,134E 02 1,229E 03 5,545E 01 -1,942E-02 4,134E 02 1,229E 03 5,545E 01 -1,942E-02 4,134E 02 1,229E 03 5,545E 01 -1,928E 03 5,545E 01 -1,938E 02 0,000 0.2,4 5,125E-01 41,68 1,827E 00 -5,339E-02 4,137E 02 1,224E 03 5,545E 01 -1,334E 02 0,000 0.2,4 5,125E-01 41,98 1,827E 00 -2,489E-02 4,137E 02 1,224E 03 5,545E 01 -1,334E 02 0,000 0.2,4 5,144E-01 42,34 1,827E 00 -2,489E-02 4,137E 02 1,224E 03 5,545E 01 -1,334E 02 0,000 0.2,4 5,144E-01 42,34 1,827E 00 -2,489E-02 4,137E 02 1,224E 03 5,545E 01 -1,334E 02 0,000 0.2,4 5,144E-01 42,34 1,827E 00 -4,374E-02 4,137E 02 1,374E 03 5,545E 01 -1,374E 0.0,000 0.2,4 0,000		396	40.61	827E	-3.700E-02	716	0	568E	-1.128E 00
19.500		186	40.78		-3.275E-02	BIE	0	901S	-9.982E-01
19,400		40	40.55		-4.6446-02	46E		567E	-1.415E 00
19,700		116	41.12		-1.942E-02	336		5.566E 01	-5.920E-01
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1,000 2.4 9.196=-01 41.05 1.827E 00 -5.139E=-02 4.137E 02 1.259E 03 5.567E 01 -1.356E 02 1.279E 03 5.567E 01 -1.356E 03 2.562E 01 -1.356E 02 1.279E 03 5.567E 01 -1.356E 03 2.567E 01 -1.356E 03 2.567E 03 2.567E 01 -1.356E 03 2.567E 01 -1.356E 03 2.567E 04 -1.357E 03 -1.357E 03 -1.357E 03 -1.357E 03 -1.357E 03 -1.357E 04 -1.357E 04 -1.357E 04 -1.357E 04 -1.357E 05 -1.357E 04 -1.357E 05 -1.35		919	41.48	ш.	-3.6036-02	55E	18		986
20.200		300	41.65	BZZE	-3.728E-02	35		366E	1.1366
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21.000		235	43.43	827E	-4.44BE-02	386	354E	268E	356E
21.200 1.6 9.112E-01 43.77 1.626E 00 -4.181E-02 4.133E 02 1.334E 03 5.566E 01 -1.274E 21.200 2.4 9.196E-01 43.93 1.626E 00 -4.074E-02 4.159E 02 1.339E 03 5.566E 01 -1.274E 21.300 2.4 9.196E-01 44.29 1.626E 00 -3.649E-02 4.150E 02 1.359E 03 5.564E 01 -1.098E 21.500 2.3 9.162E-01 44.46 1.626E 00 -3.649E-02 4.156E 02 1.359E 03 5.566E 01 -1.112E 21.500 2.3 9.177E-01 44.63 1.627E 00 -2.370E-02 4.154E 02 1.356E 03 5.567E 01 -1.512E 21.700 2.3 9.177E-01 44.69 1.826E 00 -4.060E-02 4.154E 02 1.366E 03 5.567E 01 -1.512E 21.700 2.4 9.138E-01 44.99 1.826E 00 -4.026E-02 4.145E 02 1.316E 03 5.567E 01 -1.212E		CBE	43.60	827E	-2.808E-02	316	300	268E	360F
21.200 1.6 9.144E-01 43.93 1.826E 00 -4.074E-02 4.148E 02 1.339E 03 5.565E 01 -1.242E 21.300 2.2 9.149E-01 44.29 1.825E 00 -3.646E-02 4.150E 02 1.349E 03 5.564E 01 -1.173E 21.400 2.3 9.162E-01 44.46 1.826E 00 -3.649E-02 4.156E 02 1.356E 03 5.566E 01 -1.112E 21.500 2.3 9.177E-01 44.63 1.827E 00 -2.370E-02 4.154E 02 1.356E 03 5.565E 01 -1.112E 21.600 2.3 9.177E-01 44.63 1.827E 00 -4.960E-02 4.154E 02 1.366E 03 5.567E 01 -1.223E 21.600 2.4 9.136E-01 44.99 1.825E 00 -4.026E-02 4.145E 02 1.316E 03 5.565E 01 -1.227E		12	43.11	826E	-4.181E-02	133E		266E	274E
21.300 2.2 9.149F-01 44.12 1.825E 00 -3.848E-02 4.150E 02 1.345E 03 5.54E 01 -1.173E 21.400 2.4 9.150E-01 44.29 1.826E 00 -3.403E-02 4.150E 02 1.359E 03 5.546E 01 -1.098E 21.400 2.3 9.162E-01 44.46 1.827E 00 -3.409E-02 4.154E 02 1.355E 03 5.546E 01 -1.12E 21.400 2.3 9.177E-01 44.41 1.827E 00 -2.370E-02 4.154E 02 1.356E 03 5.547E 01 -7.223E- 21.400 2.3 9.157E-01 44.81 1.826E 00 -4.966E-02 4.154E 02 1.374E 03 5.545E 01 -1.227E- 21.400 2.4 9.138E-01 44.99 1.826E 00 -4.036E-02 4.145E 02 1.374E 03 5.565E 01 -1.237E-01 -1.237E		14E	43.93	826E	-4.074E-02	. 148E	-	265E	242E
21.500 2.4 9.150E-01 44.29 1.826E 00 -3.403E-02 4.150E 02 1.350E 03 5.566E 01 -1.098E 21.500 2.3 9.16ZE-01 44.46 1.827E 00 -3.499E-02 4.154E 02 1.355E 03 5.564E 01 -1.112E 21.500 2.3 9.177E-01 44.43 1.827E 00 -2.370E-02 4.163E 02 1.364E 03 5.567E 01 -7.23E- 21.700 2.3 9.177E-01 44.99 1.826E 00 -4.966E-02 4.155E 02 1.374E 03 5.567E 01 -1.277E 21.800 2.4 9.138E-01 44.99 1.826E 00 -4.026E-02 4.145E 02 1.374E 03 5.565E 01 -1.227E 21.900 2.2 9.140E-01 45.16 1.826E 00 -4.036E-02 4.146E 02 1.376E 03 5.565E 01 -1.231E		49E	44.12		-3.848E-02	3051	-	- 564E	1736
21.500 2.3 9.162E-01 44.46 1.826E 00 -3.649E-02 4.154E 02 1.355E 03 5.566E 01 -1.112E 21.600 2.3 9.17F-01 44.63 1.827E 00 -2.370E-02 4.154E 02 1.360E 03 5.567E 01 -7.223E- 21.700 2.4 9.138E-01 44.99 1.826E 00 -4.026E-02 4.145E 02 1.371E 03 5.565E 01 -1.27E 21.900 2.2 9.140E-01 45.16 1.826E 00 -4.036E-02 4.146E 02 1.374E 03 5.565E 01 -1.231E		206	44.29		-3.603E-02	1506	3506	. 566E	1.098E
21.600 2.3 9.177E-01 44.63 1.827F 00 -2.370E-02 4.163F 02 1.360F 03 5.567F 01 -7.223E- 21.700 2.3 9.157E-01 44.81 1.826F 00 -4.960E-02 4.154F 02 1.364E 03 5.567F 01 -1.512E 21.800 2.4 9.138E-01 44.99 1.826F 00 -4.026E-02 4.145F 02 1.371F 03 5.565F 01 -1.227F 21.900 2.2 9.140E-01 45.16 1.826F 00 -4.036E-02 4.146F 02 1.376F 03 5.565F 01 -1.231F		62E	44.46		-3.649E-02		355E	366E	112E
21.700 2.3 9.157E-01 44.81 1.826E 00 -4.960E-02 4.154E 02 1.364E 03 5.567E 01 -1. 21.800 2.4 9.138E-01 44.99 1.826E 00 -4.026E-02 4.145E 02 1.371E 03 5.565E 01 -1. 21.900 2.2 9.140E-01 45.16 1.826E 00 -4.038E-02 4.146E 02 1.376E 03 5.565E 01 -1.		77E	44.63		-2.370E-02		360E	567E	•
21.900 2.2 9.140E-01 45.16 1.826E 00 -4.026E-02 4.145E 02 1.371E 03 5.565E 01 -1.		57E	14.81		-4.960E-02		3996	567E	ä
21.900 2.2 9.140E-01 45.16 1.826E 00 -4.038E-02 4.146E 02 1.316E 03 5.565E 01 -1.		38E	44.99		-4.026E-02	145E	3716	265	:
		40E	7		-4-03AF-02	1466	3746		-1 221E A

EXPERIMENTAL DATA

TIPE ANGLE LBS 22.100	FRGT	F1/SFC 1.826E 00 1.826E 00	ACCEL. F1/SEC/SEC. -3.230E-02. -4.12E-02. -4.12E-02. -3.202E-02. -3.705E-02. -3.705E-02. -3.705E-02. -3.705E-02. -3.705E-02. -3.705E-02. -3.705E-02. -3.705E-02. -3.705E-02. -3.706E-02. -3.505E-02.	GRAP 4.1496 02 4.1106 02 4.11106 02 4.11106 02 4.1106 02 4.1106 02 4.1106 02 4.1106 02 4.1106 02 4.1106 02 4.1106 02	L. 35 36 CT L. 35	CF (ACCEL. 1.566/5601 1.166/600 1.129/600 1.129/600 1.129/600 1.129/600 1.129/600 1.129/600 1.129/600 1.129/600 1.129/600 1.129/600 1.129/600 1.129/600
		1.826E 00 1.825E 00 1.825E 00 1.825E 00 1.826E 00 1.826E 00 1.826E 00 1.826E 00 1.826E 00 1.826E 00 1.826E 00	F1/SEC/SEC -3.230E-02 -3.230E-02 -3.20E-02 -3.20E-02 -3.197E-02 -3.197E-02 -3.505E-02 -3.505E-02 -3.505E-02 -3.505E-02		1.3986 03 1.3586 03 1.3536 03 1.4546 03 1.4526 03 1.4526 03 1.4526 03 1.4526 03 1.4536 03 1.4536 03 1.4536 03	C	11.160
B		1.826 00 1.826 00	F1/SEC/SEC -3.230E-02 -3.805E-02 -4.127E-02 -3.197E-02 -3.197E-02 -3.69E-02 -3.59E-02 -3.23E-02	2	1.39 C.1 1.35 C.0 1.35 C.0 1.3	2.7.5.6.6.6.6.6.6.6.6.6.6.6.6.6.6.6.6.6.6	-1.166 CV SEC/SEC/SEC/SEC/SEC/SEC/SEC/SEC/SEC/SEC/
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		1.825E 00 1.826E 00 1.826E 00 1.826E 00 1.826E 00 1.826E 00 1.826E 00 1.826E 00	-4.1276-02 -3.2026-02 -3.1976-02 -3.1976-02 -3.0476-02 -3.5056-02 -3.2776-02 -3.278-02 -3.278-02		1.355 1.4045 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4046 1.4		258E 260E 260E 260E 260E 260E 260E 260E 260
40001-0-1-0001-000000000000000000000000		1.827E 00 1.826E 00 1.826E 00 1.827E 00 1.826E 00 1.826E 00 1.825E 00	-3.2026-02 -3.1056-02 -3.10476-02 -3.0476-02 -5.0166-02 -3.5056-02 -3.276-02 -3.236-02		1.4046 03 1.4046 03 1.4046 03 1.4436 03 1.4436 03 1.4626 03 1.4636 03 1.4636 03 1.4636 03 1.4636 03		76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76.55 76 76 76 76 76 76 76 76 76 76 76 76 76
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		1.825E 00 1.825E 00 1.825E 00	-3.505E-02 -3.569E-02 -3.277E-02 -3.523E-02 -4.160E-02		1.447E 03 1.467E 03 1.467E 03 1.463E 03 1.468E 03	5.564E 01 5.564E 01 5.564E 01 5.564E 01 5.564E 01	000000000000000000000000000000000000000
		1.825E 00 1.825E 00 1.825E 00	-3.569E-02 -3.277E-02 -3.529E-02 -4.160E-02		1.444 E 03 I .444 E 03 I .444 E 03 I .444 E 03 I .444 E 03 I .445	5.563E 01 5.564E 01 5.563E 01 5.564E 01	9426
		1.825E 00 1.825E 00	-3.277E-02 -3.523E-02 -4.160E-02		1.457E 03 1.457E 03 1.453E 03 1.453E 03	5.564E 01 5.564E 01 5.564E 01	2000
		1.825E 00	-3.523E-02 -3.523E-02 -4.160E-02		1.4776 03	5.561E 01 5.564E 01	20.1-
		1.825E 00	-3.523E-02 -4.160E-02		1.457E 03 1.457E 03 1.457E 03 1.469E 03	5.564E 01	1.046
	•••••	-	-4.160E-02		1.457£ 03 1.457£ 03 1.463€ 03 1.466€ 03	5.564E 01	-1.260
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*0,,,,,,,,,		1.826E 00			1.4636 03	5.566E 01	. 3010
222222	*****	1.826E 00	-3.940E-02		1.468E 03	5.565E 01	M 3102*1:
	*****	1.826E 00	-3.401E-02			5.564E 01	-1.037E O
120450	****	1.827£ 00	-3.049E-02	4-118E 02	1.4748 03	5.567E 01	-9.295E-0
70450	***	1.826F 00	-4.620E-02	-	1.4798 03	5.564E 01	-1.4086 0
2450	•••	1.826 00	-3-520E-02		1.485E 03	5.564E 01	-1.0736 0
2.2.2		1.826F 00	-3-492F-02		1.450F 03	5.566F 01	-1.0646 0
5.0		1.826F 00	-3-305E-02		1.456 03	10 3575.5	-1.0076 01
2.0	•	1.826 00	-3.068E-02	4.1196 02	1.500E 03	5.565£ 01	- 9.350E-0
	•	1.626 00	-3.471E-02		1.506E 03	565E	-1.0586 0
7.4	•	1.826E 00	-3.515E-02		1.510€ 03	5.565E 01	-1.0716 0
1.5	•	1.826E 00	-4.752E-02	-	1.516E 03	3996	-1.486
1.4	-01 49.92	1.825E 00	-3.780E-02	-	1.522E 03	3636	-1.152E D
1.1	•	1.825E 00	-3.186E-02		1.527E 03	543E	-9.712E-0
*-	-	1.825E 00	-4.065E-02	-	L. 532E 03	5.563E 01	-1.239E O
1.8	•	1.826E 00	-3.539E-02	-		3656	9440
2.4	•	1.626E 00	-4.626E-02		1.543E 03	3696	
2.0		.826E 0	-3.776E-02	-	1.548E 03	***	
1.5	•	1.826E 00	-3.286E-02		1.5548 03	3646	
2.3		1.825E 0	-4.781E-02	-	1.560E 03	543E	
2.1		-	-1.940E 00	4.234E 02	1.566E 03	3626	913E
2.5		-	-3.713E 00		1.571E 03	4.4716 01	
1.9		-	-3.529E 00		1.576E 03	3.4726 01	3910
2.0		-	-6.733E 00		1.500E 03	2.169€ 01	952E
2.1		3.873E-02	-3.953E 00		1.501E 03	1.1106 00	205E
2.0		7	3.702E-01		1.580E 03	-6.370E-01	128E
1.5		-1.117E-0	-3.266E-02		1.580E 03	-3.406E-01	956F
2.0		-	-5-538E-02	3.6126 02	1.5816 03	-3.795E-01	ABBE
1.8		-1.272F-0	-4-620E-02		1.583E 03	-3.877E-01	-1.408E O
	-01 51.87	-	-4.761E-02		1.581E 03	-4.CO6E-01	-1.451E O
2.0		-1-	-4-164E-02	4.800E 02	1.580E 03	-3.891E-01	-1.269E O
		-1.328	-4-52 SE-02	1816	5	-3850	3806
		-	-4-27AE-02	BOSE	1.580F 03	CO 1 E-	3046

EXPERIMENTAL DATA

RUN	0801.	TENSION	LENGTH	VEL OC I TY	ACCEL.	TENSICN	LENGTH	VELOCITY	ACCEL.
SEC	DEG	1.85	1	FT/SEC	F1/SEC/SEC	GRAP	5	CP/SEC	CH/SEC/SEC
0.0	2.6	9.461E-01	51.84	-1.244E-02	-4-313E-02	2516	Seor	-3.793E-01	
0.0	2.0	8.671E-01	51.84	-1.259E-02	-4.405E-02			-3.838E-01	.344E
0.0	1.5	8.704E-01	51.86	-1.276E-02	-4.479E-02	346E	5e 16	889	-1.365E 0
0.0	2.1		51.86	-1.199E-02	-4.033E-02	.278€	\$81E	554	
0.0	2.1	1-029E 00	21.86	-1.256E-02	-4.219E-02		3135	-3.828E-01	
0.0	2.0	1.057E 00	51.87	-1.280E-02	-3.924E-02	4.757E 02	581E	-3.902E-01	1.196
0.0	2.0	1.017E 00		-1.249E-02	-4.117E-02	ш	581E	-3.8C7E-01	-
0.0	2.0	9.453E-01	21.87	.254	-3.976E-02	288E		-3,8216-01	-1.212E 0
0.0	1.9	.003	51.67	-1.241E-02	-4.061E-02	-	581E	-3.7816-01	107
0.0	2.0		51.86	33	-4-179E-02		581E	-3.7596-01	274E
0.0	2.1	9.628E-01	51.86	-1.268 E-02	-4.272E-02		501E	-3.864E-01	302E
0.0	1.8	1.012E 00	51.66	-1.277E-02	-4-137E-02		916	-3.691E-01	261E
0.0	1.5	1.024E 00	51.86		-4.365E-02	944E	Sele	-4.070E-01	1.3316
0.0	1.9	9.895E-01	51.85	-1.304E-02	-4.236E-02	488E	580E		
0.0	2.0		51.83	-1-276E-02	-4.204E-02	. 280E	580E	-3.891E-01	2816
0.0	2.1	9.204E-01	51.85	-1.268E-02	-4.353E-02	-	Sece	-3.866E-01	327E
0.0	2.0		51.84	-1.290E-02	-4.260E-02		3085	-3.9316-01	-
0.0	2.0		51.85	-1-288E-02	-4.083E-02	16E	SEDE	-3.926E-01	244E
0.0	2.0	1.001E 00	51.87	-1.266E-02	-4-123E-02	539E	50 1E	-3.858E-01	
0.0	2.0		51.87	-1.183E-02	-3.940E-02		501E	-3.606E-01	-
0.0	2.1	. 718E	51.87	-1.266E-02	-4.105E-02		3616	-3.859E-01	-
0.0	2.1	9.434E-01	•	-1.224E-02	-3.868E-02		116	-3.732E-01	
0.0	2.0	₩ 1		-1.255E-02	-3.819E-02		581E 03	-3.825E-01	1.164
0.0	2.0	10-3525-01	21.88	-1.276E-02	-3.993E-02	4.320E 02	50	-3.690E-01	205
	::	10-3410-0		-1.2046-02	-4.01 re-02		Sent of	-3-818-01	426
200			***		-30-3016-02		2000	10-3160	3335
	1.0	9.428E-01	61.87	-1.290F-02	-4-010E-02	4.3676 02	1.5816 03	-3.0326-01	2005 2005
0-0	2.0	•	51.86		-4.305E-02			-4-040F-01	1.3126
0.0	1.5	, w	51.86	•				-3.769E-01	1.286E
0.0	2.1	96		-	-4.272E-02		580E	-3.762E-01	1.3026
0.0	2.0	.798		_	-4.20 BE-02		SEDE	-3.9166-01	-
0.0	1.9	26	51.86	-1.289E-02	-4.226E-02	-	501E	-3.929E-01	177
0.0	2.1	.13	51.86	-1.282E-02	-4.280E-02		581E	-3.908E-01	-
0.0	2.1	.58	51.87	-	-4.230E-02		916	-3.997E-01	
0.0	2.1	20	98.15	-	-4.025E-02		916	-3.790E-01	-
0.0	2.0	26	51.88	-1.269E-02	-4-100E-02		3016	-3.669E-01	-1.2506 0
0.0	2.1	5	21.88	-	-3.879E-02	.388E	916	-3.778E-01	
0.0	2.1		21.88	_	-3.953E-02		18 E	-3.808E-01	-
0.0	2.0	9.758E-01	51.87	-1-277E-02	-3.802E-02	.4.26E	BIE.	-3.893E-01	
0.0	2.6	2	91.86	-1.266E-02	-3.843E-02	388E	3016	-3.858E-01	
0.0	1.9	9.579E-01	21.88	-1.263E-02	-4-119E-02		3116		
0.0	2.0	9.564E-01	21.87	-	-3.999E-02		. 501E	•	-1.219E 0
0.0	2.1	9.629E-01	51.88	-1.272E-02			-	-3.876E-01	
0.0	1.9	9.702E-01	51.87	-1.308E-02	154		SBIE	•	366E
							-		

EXPERIMENTAL DATA

VAPIA"LE LENGTH CAPLE SYSTEPS DYNAMICS

ACCEL.	CM/SEC/SEC	-1.34CE 00 -1.195E 00
VELOCITY ACCEL.	C#/SEC	-4.037E-01 -3.834E-01
TENSICN LENGTH	5	1.5016 03
TENSICN	GRAP	4.402E 02
ACCEL.	FT/SEC/SEC	-4.398E-02 -3.921E-02
TENSION LENGTH VELOCITY ACCEL.	FT/SEC	-1.324E-02 -1.258E-02
- ENGL IS	F.T	51.85
TENSION	587	9.705E-01 9.643E-01
0861.	066	2.0
RUN	SEC	000
RCDR	SEC	44.900

EXPERIMENTAL CATA

17 ERS 66 45 6000 4.830E-01 1.936E 00	ACCEL.	CH/SEC/SEC	-1.567E 00	184E		17E			-1.429E 00				-1.3396 00			36 PE	135E	-1.308E 00			_		1216	-1.3916 00	336	377E	156E	_	303E	300E	-1.348E 00
NEEC 1 NE	VELOCITY	C#/SEC	-4.910E-01	-4.943E-01	-5.036E-01	-4.788E-01	-4.557E-01	-4.575E-01	-4-804E-01	-4.773E-01	-4.692E-01	-4.489E-01	-4.520E-01	-4.680F-01	-4.484E-01	-4.614E-01	-4.557E-01	-4.517E-01	-4.576E-01	-4.649E-01	-4.597E-01	-4.692E-01	10-18E-01	10-37 76-01	-4-4R4F-01	10-1994-1-	-4.424E-01	-4.402E-01	-4.585E-01	-4.515E-01	-4.556E-01
STATIC 0.0 0.0	LENGTP	t		1.752E 03				-	1.7496 03		-	1.749E 03			1.7496 03			1.7496 03						1.7495 03		1.750E 03			-	_	1.749E 03
INCH	TENSICN	GRAP	4.426E 02	4.452E 02	4.453E 02				4.442F 02		4.441E 02		4.438E 02		4.439E 02			4.438E 02						4.438E 02					433E		4.439E 02
MODE AMPLITUDE, FREQUENCY,	ACCEL.	FT/SEC/SEC	-5-140E-02	-4-870E-02	-5.005E-02	-4.846E-02	-4.626E-02	-4.671E-02	-4.748F-02	-4.619E-02	-4.507E-02	-4.637E-02	-4.395E-02	-4.610E-02	-4.5396-02	-4.42 EE-02	-4.382E-02	-4.291E-02	*		*	-4.662E-02		20-305-05	•	-4.517E-02	-4.448E-02	-4.4976-02	-4.274E-02	-4.266E-02	-4.423E-02
AYLON 3.00 3.00 0.0 45.00 55.00	ENGLISH UNITS	FT/SEC	-1.611E-02	-1.622E-02	-1.652 E-02	-1.571E-02	-1.495E-02	-1.501E-02	-1.621E-02		-1.5396-02	-1.473E-02	-1.483E-02	-1-5156-02	-1.471E-02	-1.514E-02	-1.4958-02	-1.482E-02	-1.501E-02	-1.525E-02	-1.508E-02	-1.539E-02	-1.515E-02	-1.5086-02	-1-471F-02	-1.466E-02	-1.452E-02	-1.444E-02	-1.504E-02	-1.481E-02	-1.495 E-02
3 3 5	LENGTH	ī	57.74	57.49	57.47	57.46	57.40	57.39	57.38	57.40	57.41	57.39	57.39	57.30	57.40	57.38	57.37	87.38	57.38	57.37	57.36	57.37	57.37	67.30	57.30	57.41	57.40	57.40	57.41	57.39	57.40
METERS MATERIAL MATION : AATION F MATERIAL MATION F METERS SEC : LENGTH F	TENSTON	897	9.757E-01	9.816E-01	9.817E-01	811E-	9.803E-01	9.757E-01	9-7936-01					9.780E-01	9.787E-01	9.7836-01	9.788E-01	9.784E-01	9.793€-01	9.785E-01	9.791E-01	9.792E-01	5.791E-01	9.7836-01	9.782F-01	9.7796-01	9.7736-01	9.782E-01	9.773E-01	. Tete	
MINCH FARA CABLE CIRECT ACCELE VELLCI FECELE RUN TIAL	OSCL.	ANGLE	7.4	3:	•	9:1	1.7	::		1.8	1.0	1.7			:3	1.9		80	1.6	1.6	1:0	1.5				1.8	2,1	1.0	-:-		1:5
• 1 1 1	NO.	SEC	0.0	•		0.0	0.0	0.0		0.0	0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0
TEST NO.	RCDR	SEC	0.0	0.100	0.300	004-0	0.500	0.600	0.800	0.900	1.000	1.100	1.200	1.400	1.500	1.600	1.700	1.900	2.000	2.100	2.200	2.300	2000	2.400	2.700	2.800	2.900	3.000	3.100	3.200	3.300

EXPERIMENTAL DATA

NO.	0356	LENSION	LENGIN	VELOCITY	ACCEL.	IENSICA	LENGIH	VELOCITY	ACCEL.
	ANGLE								
	990	185	11	FT/SEC	FT/SEC/SEC	GRAP	•	CW/SEC	CM/SEC/SEC
	1.6	9.784E-01	57.40	-1.458E-02	-4.340E-02			-4-444E-01	
	1.8	9.785E-01	57.39	_	-4-586F-02	4 3 AF	-	-4-591F-01	1. 39AF
	1.1	9.789F-01	67.30	-1-517F-02	-4-493F-02	4.4406 02			3696
	1.8	9.787E-01	57.38	-1-493F-02	-4-488F-02		1.7455 03		3685
	1.8	9.797E-01	67.38	-1-532F-02	-4. 754E-02				17466
		C. 7805-01	. 47. 38	-1 4816-02	-4 4935-03	200	1 3466 03	-4 618E-01	27.67
		10.10.00	200	70-3101-1-	-4-683E-02	300		10-3616-1-	317
	8.7	7.176E-01	57.36	-1.436E-02	-4.540E-02	-434E			
	1.9	9.7856-01	57.40	-1.410E-02	-4.521E-02	4.438E 02		-4.298E-01	-1.378E 00
	1.6	9.771E-01	57.41	-1.427E-02	-4-418E-02	325	1.750E 03	-4-350F-01	347E
	1.7	9.780F-01	57.41	-1-446F-02	-4-565F-02	345		-40RE-	3101
		1100-011	23 43	1 4676.02	4 3306-03	300	3605 03	10-30011	31.36
		10-3011	24.10	70-316-07	-4-36 OE-02	31.		10-3144-6-	
	2.1	9. 780E-01	27.41	-1.447E-02	-4.398E-02			10-3015-4-	
	1.8	9.776E-01	57.42	-1.451E-02	-4.405E-02	4.434E 02	1.750E 03	-4.422E-01	-1.343E 00
	1.6	9.786E-01	57.41	-1-462F-02	-4-1555-02	306		-4-457F-01	SAGE
		0 7015-01	67 41	-1 4436-03	4 36.00				
		10-31010	11.10	-104456-02	70-3006-0-			10-3416-01	-
	1.6	9.7936-01	57.39	-1.471E-02	-4.589E-02			-4.484E-01	
	1.6	9.7846-01	57.40	-1.473E-02	-4.352E-02		1.750E 03	-4.490E-01	-1.326E 00
	1.7	9.7895-01	57.40	-1-463F-02	-4-673F-02			-4-45RE-01	346
		9.784F-01	67.30	-1.4716-02	-4.4826-02			10-36-01	3446
	:	7036		70 3067	70 370404			10-358-01	1000
		10-3744	1	70-326-07	70-36-05	2	10100	10-3016-01	3446
		10-36-01	21.39	70-1706-17-	-4.632E-02			10-166+-1-	3014
		9.788E-01	51.39	-1.4241-02	-4.631E-02		1.749E 03	-4.341E-01	_
		9.7866-01	57.41	-1.468E-02	-4.689E-02			-4.473E-01	-1.429E 00
	1.6	9.788E-01	57.41	-1.421E-02	-4.605E-02	4.440E 02		-4.330E-01	-
	:	9.7805-01	57.43	-1.424E-02	-4.495E-02			-4.341E-01	370E
	1.8	9.7886-01	57.42	-1.4546-02	-4.345E-02		1.750E 03	-4.431E-01	324E
	1.5	9.7768-01	57.43	-1-4156-02	-4-397E-02			-4.3126-01	100E
	1.9	9-7896-01	57.43	-1.3856-02	-4-4515-02		1.7516 03	-4.222E-01	36.76
	1.1	4.7AGE-01	67.43	-1-4645-02	-4-154E-02			44.44.01	26.76
		7045-01		4848-03	20 3000		7806 03		1000
		10-2601-0	20.00	70-3464-07	-4-4385-02	200			37.05
	:	10-310/·	21.46	70-3776-1-	-4.489E-02	376			-1.368E 00
		9.784E-01	57.42	-1.447E-02	-4.667E-02	386		10-3114-4	
	-:-	9.784E-01	57.43	-1.422E-02	-4.213E-02	4.438E 02			
	1:0	9.7936-01	57.43	-1.501E-02	-4.51 SE-02			-4.576E-01	-1.376E 00
	1.1	9.785E-01	57.43	-1.485E-02	-4.552E-02	36	1.751E 03	-4.526E-01	387E
	1.1	9.754E-01	57.41	-1.398E-02	-4.545E-02			-4-260E-01	185
	1.1	9.7896-01	57.41	-1.411F-02	-4-656F-02		1.750F 03	-4.300F-01	100
	1.1	9.7906-01	57.41	-1-4135-02	-4-431E-02	-		-4-307E-01	
		10-7945-01	67.43	-1 4446-02	4.4305-02				
	::	10-10-0		70-3444	- 10 - 10 - 10 - 10 - 10 - 10 - 10 - 10	2	100000	10-306-6-	-
	:	10-3401	21.43	-1.410E-02	-4-51 (E-02	306		-4-299E-01	37.16
	1:0	9.7766-01	27.44	-1.393E-02	-4-461E-02	346		-4.247E-01	
	1:0	9.775E-01	57.43	-1.369E-02	-4-423E-02		-	-4.174E-01	
	1.9	9.776E-01	57.45	-1.326E-02	-4-159E-02	35E	1.751E 03	-4.041E-01	268E
	2.1	9.787E-01	57.45	-1-359F-02	-4-240E-02	306			
	-	9.777E-01	57.45	-1.3736-02	-4-21 RF-02	4.4355 02	1.7516 03	-4-186E-01	-1-286E 00
				-	-	,,,		•	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,

EXPERIMENTAL DATA

AUN	.1350	TENSION	LENGTH	VEL OC 11Y	ACCEL.	TENSICN	LENGTH	VELOCITY	ACCEL.
SEC	990	185	ŧ	FT/SEC	FT/SEC/SEC	GRAP	5	CHISEC	CM/SEC/SEC
0.0	1.9	9.7815-01			-4.247E-02		.7516	-4.2566-01	
0.0	2.0	9.7726-01			;	3			1.364
0.0	1.6	9.781E-01		395	-4.294F-02	3	. 1516	-4.251E-01	-
0.0		9.7926-01		69	-4.491E-02	441E	3151.	-4.460E-01	1.36SE
0.0	1.1	9.788E-01		391	-4.513E-02	36	.7516	-4.241E-01	375E
0.0	1.9	9.7805-01		-1.3986-02	-4.527E-02	436E	30€1.	-4.261E-01	1.380E
0.0	1.1	9.785E-01		1.427	-4.896E-02	438E	.75CE	-4.350E-01	1.492E
0.0	1.5	9.7916-01		438	-4.546E-02	416	-750€	-4.3836-01	1.386€
0.0	1.9	9.777E-01		1.432	-4.404E-02		.7506	-4.366E-01	1.342E
0.0	1.9	9.7746-01		1.351	-4.412E-02	336	1.7516 63	-4.118E-01	345E
0.0	1.5	9.765E-01		:	-4.256E-02		-751E	-4.166E-01	1.297E
0.0	1.5	9.784E-01		-	-4.207E-02	385	.751E	-4-119E-01	1.282E
0.0	2.0	9.774E-01			-4.241E-02	336		-4-161E-01	1.2936
0.0	2.0	9.772E-01		_	-4.321E-02	336	.751E	-4.3168-01	1.317E
0.0	1.1	9.7835-01		-1.346E-02	-4-196E-02	4.437E 02		-4.103E-01	1-279E
0.0	1.8	9.786E-01		-1.428E-02	-4.451E-02	366	.751E	-4.352E-01	1.357E
0.0	1.9	9.784E-01		-1.361E-02	-4.313E-02	4 38E	. 7516	-4.148E-01	315E
0.0	1.6	9.7846-01		-1.431E-02	-4.252E-02		.7516	-4.362E-01	296E
0.0	1.5	9.7806-01		-1.386E-02	-4.295E-02	36E	.151E	-4.224E-01	-
0.0	1.6	9.782E-01		-1.3776-02	-4.678E-02	37E	30€1.	-4.196E-01	1.426E
0.0	1.8	9.788E-01		-1.3836-02	-4.282E-02		.750E	-4.215E-01	300E
0.0	1.1	9.790E-01	57.41	-1.361E-02	-4.478E-02	4.441E 02	1.750E 03	-4.150E-01	-1.365E 00
0.0	1:1	9.792E-01		-1.390E-02	-4.404E-02	4.442E 02	. 750E	-4.237E-01	142E
0.0	1.8	9.781E-01		-1.358E-02	-4.561E-02		- 150E	4.1386-01	
0.0	1.6	9.7796-01		-1.3666-02	-4-377F-02			-4.169E-01	334E
0.0	1.9	9.771E-01		-1.306 -02	-4.429E-02		- 750E	-3.981 E-01	350E
0.0		9.765E-01			-4.275E-02	429E	- 750E	-4.112E-01	-
	1.6	9.7746-01		-1.373E-02	-4.344E-02	1336	. 150E	10-3481-4-	-
	2.0	9.767E-01			-4.304E-02	306		-4.182E-01	1.3126
	1:1	9.770E-01		-1.294E-02	-4.218E-02	316		-3.43E-01	-
11.000 0.0	2.0	9.7696-01		-1.386E-02	-4.367E-02	431E		-4.224E-01	-1.3316
	1.7	9.764E-01		-1.338E-02	_	29E		-4.079E-01	-
	1.9	9.761E-01		-1.355E-02	-4.288E-02	28E		-4.131E-01	-
	1.9	9.772E-01		-1.354E-02	-4.369E-02	336		-4.128E-01	-
•	1.9	9.772E-01		-1.321E-02	-4.177E-02	326		-4.027E-01	273E
0.0	1.9	9.774E-01		-1.3576-02	-4.241E-02	4.4336 02		-4.137E-01	1.293E
•	1.6	9.776E-01		-1.397E-02	-4.361E-02	35E		-4.257E-01	
0.0	1.1	9.784E-01		-1.356E-02	-4.490E-02	306		-4.132E-01	
0.0	1.9	9.7715-01		-1.396E-02	-4.325E-02			-4.255E-01	- 777
0.0	1.8	9.779E-01		-1.379E-02	-4.493E-02	366		-4.204E-01	-
0.0	1.8	9.781E-01		-1.340E-02	-4.500E-02			-4.083E-01	1.372E
0.0	1.9	9.780E-01		-1.385E-02	-4.224E-02			-4.222E-01	-
0.0	-	9.777E-01		-1.3296-02	-4.462E-02			-4.052E-01	-
0.100	1.9	1.009E 00		-7.5196-02	-2.115E 00	4.575E 02	1.752E 03	-2.292E 00	-
0.200	•				20000				
;					•				-

EXPERIMENTAL CATA

311	TENE	ANCIE								
SEC	SEC	DEG	. 185	F	FT/SEC	FT/SEC/SEC	GRAP	5	CH/SEC	CH/SEC/SEC
009.	0.400	1.8	1.209E 00	57.42	-9.808E-01	103E	.482E	1.750E 03		543E
2.700	0.500	1.8		57.32	1.237E	-2.746E 00	-			8.368E
. 800	009-0	1.6		57.24	-1.495E 00	14 BE		.145E		-8.376E 01
006.		-		57.09	. 748E	-2.480E 00		.74CE		.55SE
3.000	0.800	1.8		56.90	-1.e75E GO	948E-01		1.734€ 03	-	
.100	0.900	1.6		56.71	-1.873 6 00	5.939E-02	925E	. 728E		.81CE
3.200	1.000	1.1		56.53		-6.036E-02	.833E	.723E	-	840F
3.300	1-100	1.6		56.37			786F	7186	-5.70SE 01	1.6446
3.400	1.200	1.6		56.18	872F		ROSE	7136	-5.70\$F 01	
200	1 - 300		1.0725 00	55.99	170E		3178	76.76	-6.7016 01	3426
13.600	1.400			58.82	9705	•		7016	2006 01	١.
200	1.500			88.68	9706		022E		0	3000
	200	:		26. 44		- 114E-02		1 4616 63		270707
000	2001			22.40	2010					-225
200.	200			16.00	-8/0	-4-400E-02	8906	L. orece US		
4.000	1.800	1:1		55.13	.870E					
001.	1.900	1.1		24.96	-1.870E 00	-4.563E-02	4.174E 02	1.675E 03	-5.701E 01	-1.391E O
.200	2.000	1.6		84.78				1.67CE 03	-5.699E 01	-1.093E O
.300	2.100	1.7	1.071E 00	19.46	-1.870E 00	-5.0496-02		1.664E 03	-5.699E 01	-1.539E O
004-4	2.200	1.1		54.43	-	-4.175E-02	854E		-5.699E 01	-1.455E 00
4.500	2.300	1.1		54.24		-4.828E-02	8916		-5.700E 01	472E
4.600	2.400	1.1		80.46	.870E	-4.487E-02			-5.701E 01	1-368E
4- 700	2.500	1.6		53.89	.870E	-3-734E-02		1.643E 03		.138E
4.800	2.600	1.1	1.063E 00	53.74	-1.870E 00	-4.768E-02	4.821E 02	1.638E 03	-5.700E 01	
4.900	2.700	1.7		53.54	.870E					-263E .
000	2.800	1.7		53.36	-869E	-4.927E-02			-5.698E 01	. 502F
5.100	2.900	1.1		53.19	-1-870E 00				-5.699E 01	.653E
-200	3.000	1.1		53.01		-3.678E-02			-5.7016 01	11216
5.300	3-100	1.8		52.84	A70F				-5.700F 01	1494
5.400	3.200	1.7		52.66	170F				10 3669-5-	1-1406
200	3.300	17.1		52.49	BAGE	-4.591F-02			-5.6976 01	1.3995
009	3-400	1.1		52.32	170E	_			-5.6996 01	1.674F
5.700	3.500	1.7	1.069€ 00	\$2.15	870F	-4-419E-02		1.590F 03	-5-701F 01	1.347
.800	3.600	1.8		51.97	-1.870E 00	-3.941E-02			-5.700E 01	-201F
006.	3.700	1.1		51.78		-3.999E-02		-	-5.698E 01	-219E
000	3.800	1.8	1	51.60		-4-118E-02		1.573E 03	-5.699E 01	
001	3.900	1.0		51.42		-3-890F-02		6	-5.658F 01	INE
16.200	4.000	1.7		51.24	RZOF	r	BARE	6	-5-499F D	4556
300	4-100	1.6	1.06% 00	51.07	BTOF	-4.63 IE-02	847E	557E 03	-5.700E DI	4116
004-9	4.200	9.1		50.89	RTOF	486.	855E	551F 01	-5.700F OI	1.1416
200	4-300			50.70	ATOF	T.	8536	545F 03	-5.499F DI	1-204E
400	4.400			50.82	870E	25.	44.35	SABE 02	LE KOOF DI	1.4136
200	4.500			80 33			44.76	SAKE OF	10 300 Y	3746
4.800	4			41.05	200	-4.4246-02	96.26	ROOF	4004	4006
16.900	4.700		1.0485 00	20.05	BAOF O	-4-189E-02	4.8438 02		-5. AG7E 01	1.2775
-					1600.	-	3010			31.300
000	4.800			7a 07	- 1 BAOK	- 4 - 41 GE-117	A BAIE 02	٥	TE AOTE AL	-1 277E O

EXPERIMENTAL DATA

-	ANGI E	TENSION	LEN	GTH VELOC	VEL OC ITY		ACCEL.	TENSICN	LENGTH		VELOCITY	ACCEL.
	066	591	=	_	FT/SFC	1	FT/SEC/SEC	GRAP	5		CW/SEC	CM/SEC/SEC
2.000	1.8	=		64.	3698.		-4.078E-02		1.508		3869.	ार
2	9:	2		.32	169E			. 841E			5.6576	-480E
2 9		1.0445		44.00	1 9696	200	- 3. 1385-02	4.8276 02	1.45 66	56	10 3860.6-	-1.1356 00
0		2 12			169E		-4-857F-02	8386	488	60	5.697F	1.480F
0	1.8		48	.63	.869E	00	-4.331E-02	.8556	482		-696E	1.3206
9	1.6	3	48	14.	.870E	00	-4.730E-02	.8386	1.477			1.442E
0	1.1	*	*	1.29	3698 ·		-4.158E-02	8346	1.4728		.657E	-1.280E 0
0	1.8	3	*	.12			-4.241E-02		1.4676		3859°	-
0	1.1	3	+	.93	369B	00	-4.200E-02		1.461	603		2806
0000.9	1.0	¥	4	.74		- 00	-4.525E-02		1.455		3959°	-
2	1:6	¥	47	.51		. 00	-4.520E-02		1.450E		3969°	-
6.200	1.8	2	47	.40		- 00	-4.633E-02		1.445		-37	-
8	1.0	7	47	.24		00	-4.604E-02		1.4406		96 3E	403E
6.400	1.6	*	47	.67		- 00	-4.378E-02		35	E 03	37 E	334E
2	1.6	*	*	46.88		. 00	-3.855E-02		1.429			75E
9.600	1.8	SE.		46.72	.869€	00	-4.299E-02		1.4246		3969	-1.310E 0
00	1.6	#		.54	368E		-3.2446-02		1.419	E 03		-3988
2	1.6	36	00 46.	46.37	868E		-4.384E-02	36	1.4138			336E
2	7:1	3		91.99	.869€		-4.771E-02		1.408E			.75
.000		¥	*	46.00	369		-4.343E-02	176	1.4026		100	-1.3246 0
2	1.7	w :	00 45	. 82	369€	2	-3.651E-02		1.256	63	-5.696E 01	3
2		4	9	40.00	. 869E	2	-4.023E-02		1.3516		9 6 G	1.22cf
25	::	*	7.		- 869E		•		1.366		195E	1.314E
25		K		97.66	- 900		70-30-6-07		200			1.492E
25	::			800	- 8095		-4-01-6-02		1.374	56	-5.050E 01	1.223E
3	::			06-66	. 809E	ä	-4.193E-02		1.268	5	990	1-46ZE
23					1.869E		-4.200E-02		1.364		-5.696E 01	1.300E
2 2	::			200	100		-4-424E-02		1.3386		9705	1.3576
25	::			2:	100	3	20-36-00° b-	20 3000	103336		3660	3676-1
38		2000	3		3400		4 1435-02		1 24.2	3 6	10 3660.6-	3007-1
2 2					9646	2 2	4 24 16-02		1.223			100
200				22	8476				1.1126		4025	2436
00	1	1.068E 0		43.51	869E	90	-4-460E-02		1.226	-	4969	1.35 GF
00	1.1	16		.32	. 868E	00	-4.456E-02		121		9469	1.358E
00	1.1	*		*1.	168E	0	-4.554E-02		1.3156		9469	1.388E
00	1.1	36		96.	-1.868E 0	00	-4.43 2E-02		1.309		695E	351E
00	1.6	16		18.	3698	90	-3.64 1E-02		1.305	E 03		11 OE
0	1.1	4		- 62	-	00	-4.503E-02		1.2991			750
00	1:1	96		94.	-1.868E 0		-4.421E-02		1.2548		160	3476
00	1.7	BE		.27	-1.867E 0	00	-4.634E-02		1.2001	603	-5.691E 01	
8	1.8	36		60.	-1.867E 0	00	-4.998E-02		1.2836		-692E	523E
9.300	1.6			.91	-1.868E 0	00	-4.246E-02	3048	1.277		-5.695E 01	294E
00		46		14	848		A AAOE-02	9246	. 233		4035	30.00

EXPERIMENTAL DATA

RCDR	RUN	0501.	TENSION	LENGTH	VELOCITY	1	ACCEL.	TENSICN	LENGTE	VELC	VELCCITY	ACCEL.
SEC	SEC	CEG	1.65	t	FT/SEC	EC	F1/SEC/SEC	GRAP	3	5	CP/SEC	CN/SEC/SEC
21.800	009.6	1.8	1.064E 0	4.1	-	ш	-4.638E-02		-	03 -5.6		-1.414
1.900	9.700	8.1	20E	00 41.24	-	E 00	-4.579E-02	.8348	-			-1.396E
2.000	008-6	1.5		4	-		-3.760E-02	. 856E	-	100		-
2.100	006.6	5.1	136		-		-4.079E-02	₹8698	000	03 -5.6		:
2.200	10.000	2:	376	*0	-		-3.661E-02	77		-5	3	-1.116E
2.300	10.100	1.8	20E	•0	-		-4.592E-02			-5		:
20400	10.200	8.	59E	•0•	-		-5.082E-02	.8516		-5		-1.549E
5.500	10.300	1.1	200		-		-4.194E-02		1.224E	3 -5.	_	-
2.600	10.400	9.1	45	•	-1-		-4.307E-02			-5-	_	÷
5.700	10.500	1.9	10.00	39	-		-3.872E-02	4.853E 02		-5.	594E 01	•
2.800	10.600	1.7		39.	-		-4.215E-02			03 -5.6		-1.285E
2.900	10.700	1:1		39.	-1.868	w	-4.985E-02		_	-5.	693E 01	-1.520E
3.000	10.800	1.8		•	+		-4.493E-02	77	1.199E	-5.	692E 01	-1.365E
3.100	10.900	1:1			-1.867		-4-44 7E-02	4.857E 02	216	•	691E 01	-1.355E
3.200	11.000	1.6	-	-	-	w	-4.449E-02		1.192E	•	693E 01	-1.356
3.300	11.100	1.6	1000	-	7	w	-4.391E-02		1.1866	•		-1.330E
3.400	11.200	1.6		38.	7		-4.260E-02		1.1816		10 3E69	-1.298E
3.500	11.360	1.7	1000	_	-1.868	w	-3.808E-02		1.176E		10 3469	-1.1616
3.600	11.400	1.6		38.	-1-		-4.982E-02		1.17CE	-5.	10 3169	-1.518
3.700	11.500	1.1	2000		-	111	-3.4946-02		1.1656	3 -5.6	692E 01	-1.065E
3.800	11.600	1.6	1.060E 0	0 38.03	-	141	-4-321E-02	4.807E 02	1.159E	33 -5.6	10 3169	-1.3176
3.900	11.700	1.5	-		-	_	-4.356E-02		1.1546	13 -5.6	-5.693E 01	-1.320E
4.000	11.800	9.1				-	-4.478E-02		1.148	3 -5.6	10 3169	-1.365
4.100	11.900	1.6	-		-1.868	w	-3.792E-02		1.142E	3 -5.6	10 3E69	-1-156
4.200	12.000	9.1			-	w	-5.0676-02		1.1376	33 -5.6	693E 01	-1.544
4.300	12.100	1.6	1000	0 37.12	-1.86	-	-4.702E-02	4.831E 02	1.1316	3 -5.6	.694E 01	-1.4336
4.400	12.200	1:4	1000		-	-	-3.3576-02		1.126E	13 -5.6	10 3469	-1.023E
4.500	15.300	1.6	-	36.	-		-4.1596-02	8	1.1216		692E 01	-1.26BE
24.600	12.400	1.1	77	36.	-	w	-5.1186-02	150	1.115E	3 -5.6	10 3669	-1.560E
4. 700	12.500	1.8		36.	-		-3-7596-02	. 3818	1.1106	-5.	692E 01	-1.146
4. 800	12.600	1.0		~	-	_	800	.825F	70		692E 01	-1.463E
4.900	12.700	1.7		36.	7		-4.812E-02		300	-5.	10 3E69	-1.467E
2.000	12.800	1.6	-	~,	-		-3.563E-02	. 8016		-5.		-1.086E
2.100	12.900			35.	-		-4.509E-02	770	1.0906			-1.374
2.200	13.000	1.9		35.	-		-3.967E-02	. 822E	1.085E	3 -5.6	-	-1.209E
2.300	13.100	1.9		35.	-		•	-	3090			-1.1796
2.400	13.200	1.8		35.	-		3		1.074	33 -5.6	92	-1.26 EE
2.500	13.300	1.7	-	35.	7					-5.	10 3169	-1.124
2.600	13.400	1.8	-	34.	-1-		-4.605E-02				316	-1.404
2.700	13.500	1.1	_	34.	-		-3.566E-02			-5.		-1.0876
2.800	13.600	1.8	-	34.	-		-5.130E-02	-	1.0536		692E 01	-1.5636
2.900	13.700	1.7	177	96.36	-1.869		-4-126E-02		1.0476		695E 01	-1.25BE
0000-9	13.800	1.7	1	34	7		-3.982E-02		1.042E	13 -5.6	93E	-1.2146
26-100	13.900	1.1	1.067E 0	34.	-1.86	w	-5.028E-02	4.841E 02	1.0366	3 -5.6	10 3669	-1.5326
200	14.000			-	70 1-		7 3 7				F	
		007	•		-1.808	3	-3.030E-05		1.031E	•	693E 01	•

EXPERIMENTAL DATA

RCOR	T. BE	ANGLE	NO I CHOI	LENGIH	VELUCITY	werer.	LENSICA	LENGIN	VELUCITY	ALLEL.
23	SEC	DEG	. KBS	14	FT/SEC	F1/SEC/SEC	GRAP	5	CP/SEC	CM/SEC/SEC
004.9	14.200	1.6	1.C61E 00	33.47	.867	-4.3146-02		1.020E 03	.692E	Carr
26.500	14.300	1.8	-	33.29	1.867E	-4.685E-02	818E	015E	-5.692E 01	1.428E
009	14.400	1.9		33.13	. 868E	-4.615E-02	834E	.010E	-693E	407E
26.700	14.500	1.9		32.95	-1.868E 00		826E	004E		OSIE
800	14.600	1.8		32.78	. 868E	-4.766E-02	365L	-991E	5.652E	1.453E
006	14.700	1.0		32.60	- 868 F		7936	3925°	5.693E	1.2046
000	34.800	1.7		32.62	BABE	-3.95AF-02	ROOF		402E	20.76
	14.900			32.26	1.848	-4. 481F-02	8176	824E	31.59.5	3446
	000			22.00	3000	•		1000	30000	1000
	2000		1.00cm	32.00	1.000	•		1136	3760.	30.1
	13.100	9 .		20.10	1.000	•	4. 190E 02	1100	376	
	15.200			31.10	. 86 7E			. 663E	116	
	15.300	7:1	1.062E 00	31.52	. 867E			9839°	3169·	
	15.400	1.7		31.34	. 867E			w	316	
100	15.500	1.6		31.16	.868E	-4.611E-02		9.45 EE 02	36	105E
	15.600	1.7		30.97	868E	-4.862E-02	4.7998 02		-5.693E 01	-1.482E 0
	15.700	1.6		30.80	. 868E				5.694E	149E
	15.800	1.6		30.63	1.867E	-4-247E-02			.692E	396E
	15.900	1.7	1.065F 00	30.45	1. RARE O		4. A30F 02	2816	-6.493E 01	306
200	16.000	3.1		30.20	1.867F 0	•		2336	415Y	23.26
300	16.100	1.8		30.12	LAK7E O			1806	5.692E	1004
004	16.200			20 06	8476	-4. 629E .02		1266	462E	200
200	16.300			20.78	BA7E D	10		0.786	4616	322E
	16.400	7:1	1.060F 00	29.60	-1-868F 00	-4.507F-02	4-8676 02	9.021F 02		-1.374F 00
	16.500	1.8		29.43	868F 0		34	STOF	469.E	DARE
	16.600			29.28	RARED	-6-2716-02		924F	9869	4076
	16.700	8-1		20.08	BAGE O			866F	1959	2876
	16.800	1.1		28.91	RAREO	-1.408F-02		8136	403	1006
	16.900	1:1		28.74	RABE	400		346	9464	
	17.000	1.7	n	28.56	1.867F O	-1.995F-02	4.841F 02		4426	2186
	17.100	1.3		28.38	LAKAF O			2057		26.05
	17.200	1.1		28.20	LAGRE O	4			4636	2136
29.500	17.300			28.03	LARTE	445	4.805F 02	3446	926	3556
	17.400	1.6		27.85	AAF O				4636	4654
	17.500	1.8		27.68	0	4000			5.6928	1
	17.400			27. 61	475	-4 895E-02		3782	4636	7007
	17.700			27 33	2000				20000	1766
	200			27 16	2696	100	7001	2336		36.5
	0000			21.13	2000-1			31170	3760	364
	17.000			26.98	1.868E 0	111		8.2235 02	9 23E	149E
	18.000	1.1		26.80	1.868F 0	-3.645E-02		. 169E		-1.111E 0
300	18.100	1.8		26.62	.867E 0	.328		.1136	935E	200
000	18.200	1.8		26.45	.867E 0	-3.890E-02		3193.	9259	_
200		1.8		26.25	.867E 0	-4.584E-02		.001E	3765	-1.397E 0
009	18.400	1.8		26.08	. 868E 0	.822		3645.	593E	470E
30.700	18.500	1.1		25.90	0	319		7.854E 02	643	
800				26 73	2070	2 70			960	1 4036
,										

EXPERIMENTAL DATA

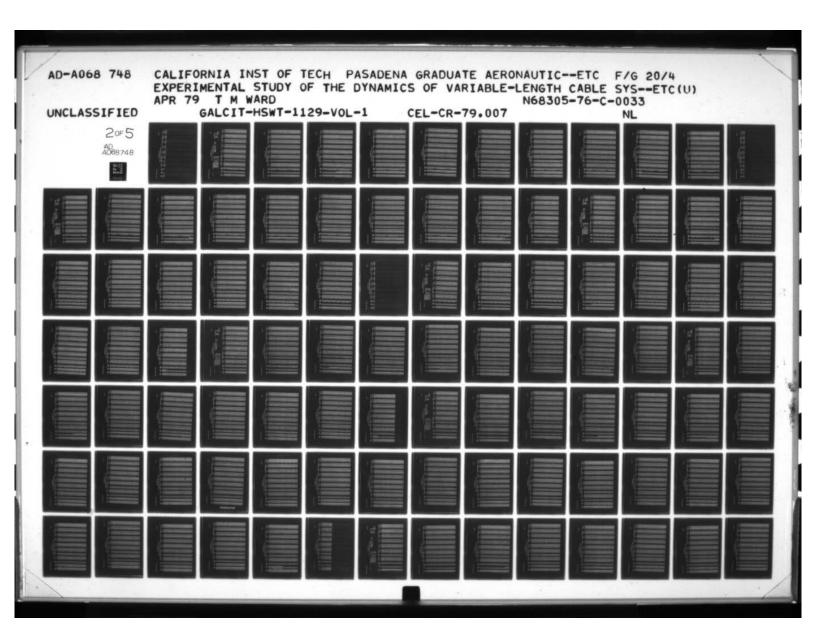
15.000	RCDR	NON T	ANG! E	LENSTON	LENGTH	H VELOCITY	A ACCEL	. TENSICA	SICN	LENGTH	VELOCITY	ACCEL.
1.000	EC	SEC	990	1.85	14	FT/SEC			492	5	CW/SEC	CM/SEC/SEC
15,000 1.6 1034 0 25,18 1,186 0 4,177-02 4,778 0 2,569 0 1,1276 1	000	18.800	1.1			-1.868E	1	;		.723E	-5.652E	.373E
1.500 1.5 1.500 1.5 1.0346 0 25.00 1.1886 0 0 2.3496 0 1.5416 0 1.	100	18.900	1.8			-1.868E	*-			.674E	-5.653€	.486E
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	200	15.000	1.5			-1.868E	•			.62 1E	-5.	
19-200 1-8 1-0307 02 2-4-66 -1-687 03 -1-687 03 -1-687 04 04-1019 05 -1-697 05 04-1019 05 -1-697 05 04-1019 05 -1-697 05 04-1019 05 04-1019 05 04-1019 05 -1-697 05 04-1019 05 -1-697 05 04-1019 05 -1-697 05 04-1019 05 -1-697 05 04-1019 0	300	19.100	1.7			-1.868E	•			.567E	-5-	
19-400 1-4 10400 0	400	19.200	1.8		24.	-1.867E	•			.517E	-5.6	
19-400 1-4 10-300 1-4 10-300 1-4-1	200	19.300	1.6		24.	-1.867E	•			3794.	-5.692	
1,000 1,00	009	19.400	1.8		24.	-1.868E	•			₹13€	-5.6	352E
1,000 1,00	200	19.500	1.5			-1.868E	1			- 360E	-5.6	156E
1.0 1.0	800	19.600	1.8			-1.86BE	1	•		.3C7E	-5-	STI
1.0 1.0	006	19.700	1.6			-1.868E	1	•		.254E	-5	1.015
1.00 1.00	000	19.800	1.8			-1.868E	-			.203E	-5	360E
20.000 1.6 1.675f	100	19.900	1.8			-1.868E	•			-146E	-5	92E
1.0 1.0	200	20.000	1.8			-1.868E	1	•		9E60	-5	154E
10 10 10 10 10 10 10 10	300	20.100	1.6			-1.868F	**			1040	-5.605F	1.37GF
1.00 1.00	400	20.200	1-1			-1.868F	•				-5.6966	9.840F-
10	200	20.300	1.7			-1. BARE	1				7	
10 20,500 1.6 1.0476 00 22.21 1.0876 00 -3.3876-02 4.7166 02 6.6216 02 -5.6326 01 -1.1676 02 0.0576 02 0.0576 02 0.0576 03 0.0576 0.	600	20.400				-1.848	1				1	2000
1.00 1.00	100	20.500				1 9676				93.50		
20.70 1.6 1.045 1.0 22.03 -1.867 1.0 -1.374 -2. -1.416 1.0 -2.575 1.0 -1.316 1.0 -2.575 1.0 -2.575 1.0 -1.316 1.0 -2.575 1.0		20.400				1 9496	-			1116		-
10 10 10 10 10 10 10 10	200	20.00				2000-1	1	8		3111		
1,000 1,00	200	20.00	::			11.00.1	•			177	3260°C-	
1,000 1,00	000	20.800	9.			-1.80/				-0105	-2.691E	
1.00	001	20.900	::			-1.867E	•			1513	-5.692E	1.410E
1.00 1.9 1.041E 00 21.37 -1.867E 00 -4.546E 02 6.513E 02 -5.695E 01 -1.296E 02 21.300 1.9 1.041E 00 21.31 -1.868E 00 -4.546E 02 6.475E 02 -5.695E 01 -1.294E 02 21.300 1.9 1.037E 00 21.01 -1.868E 00 -4.546E 02 6.475E 02 -5.695E 01 -1.234E 02 -5.695E 01 -1.234E 03 -2.5695E 01 -1.234E 03 -2.5695E 01 -1.234E 03 -2.695E 03 -	200	21.000	201			-1.867E	•			. 2646	-5.692E	.002E
1.00 1.00	300	21.100	1.9			-1.867E	ì				-5.692E	398E
21.300 1.0 1.0 1.038F 00 21.01 -1.868F 00 -4.540E-02 4.709F 02 6.403F 02 -5.694F 01 -1.340F 00 21.300 1.0 1.037F 00 20.02 -1.868F 00 -3.694E-02 4.706F 02 6.234F 02 -5.692F 01 -1.340F 00 21.500 1.0 1.047F 00 20.03 -1.868F 00 -3.051E-02 4.779F 02 6.234F 02 -5.692F 01 -1.340F 00 21.600 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1	400	21.200	1.6			-1.868E	i			.457	-5.693E	356
21.500 1.8 1.037F CO 20.82 -1.868E GO -3.697E-02 4.775E GO 6.297E GO 5.569E GO -1.856E GO 21.500 1.8 1.037F CO 20.63 -1.868E GO -3.794E-02 4.775E GO 6.297E GO 5.569E GO -1.868E GO -3.021E-02 4.775E GO 6.297E GO 5.693E GO -1.869E GO -3.021E-02 4.775E GO 6.181E GO 5.693E GO -1.869E GO -3.021E-02 4.775E GO 6.181E GO 5.693E GO -5.693E GO 1.854E GO 1.854E GO 21.700 1.8 1.053E GO 20.28 -1.868E GO -3.021E-02 4.775E GO 6.181E GO 5.693E GO -5.693E GO 1.854E GO 1.869E GO -4.475E-02 4.775E GO 6.181E GO 5.693E GO -5.693E GO 1.854E GO 1.869E GO -4.475E-02 4.755E GO 6.181E GO 5.693E GO -1.868E GO -4.475E-02 4.755E GO 6.181E GO 5.693E GO -1.868E GO -4.475E-02 4.755E GO 5.693E GO -1.868E GO -4.475E-02 4.755E GO 5.693E GO -1.868E GO -4.475E-02 4.755E GO 5.693E GO -1.868E GO -4.475E-02 4.762E GO 5.693E GO -5.693E GO -1.868E GO -4.475E-02 4.762E GO 5.693E GO -1.868E GO -4.875E-02 4.781E GO 5.693E GO -5.693E GO -1.868E GO -4.875E-02 4.781E GO 5.693E GO -5.693E GO -1.868E GO -4.875E-02 4.781E GO 5.693E GO -5.693E GO -1.868E GO -4.875E-02 4.781E GO 5.693E GO -5.693E GO -1.868E GO -4.875E-02 4.781E GO 5.693E GO -5.693E GO -1.868E GO -4.875E-02 4.781E GO 5.693E GO -5.693E GO -1.868E GO -4.875E-02 4.781E GO 5.693E GO -5.693E G	200	21.300	1.8			-1.868	ì			.403E	-5	1846
21.500 1.7 1.041E 00 20.63 -1.868E 00 -3.794E-02	009	21.400	1.8			-1.868E	1			345E.	-5.	
21.600 1.8 1.053E 00 20.45 -1.668E 00 -5.051E-02 4.779E 02 6.234E 02 -5.695E 01 -1.543E 02 21.700 1.8 1.053E 00 20.28 -1.568E 00 -5.3021E-02 4.775E 02 6.124E 02 -5.693E 01 -1.563E 01 21.700 1.8 1.045E 00 19.90 -1.568E 00 -5.3021E-02 4.775E 02 6.124E 02 -5.693E 01 -1.263E 10 10.045E 00 19.90 -1.568E 00 -4.145E-02 4.775E 02 6.064E 02 -5.693E 01 -1.263E 10 10.045E 00 19.90 -1.568E 00 -4.216E-02 4.774E 02 6.016E 02 -5.693E 01 -1.263E 10 10.045E 00 19.72 -1.668E 00 -4.0475E-02 4.774E 02 6.016E 02 -5.693E 01 -1.263E 10 10.056E 00 19.21 -1.668E 00 -4.0475E-02 4.762E 02 5.963E 02 -5.693E 01 -1.263E 10 10.056E 00 19.21 -1.668E 00 -4.064E-02 4.762E 02 5.963E 01 -1.263E 10 10.056E 00 19.21 -1.668E 00 -4.064E-02 4.762E 02 5.963E 01 -1.263E 10 10.056E 00 19.21 -1.668E 00 -4.064E-02 4.762E 02 5.693E 01 -1.263E 10 10.056E 00 19.21 -1.668E 00 -4.064E-02 4.762E 02 5.693E 01 -1.263E 10 10.056E 00 19.31 -1.668E 00 -4.217E-02 4.789E 02 5.693E 01 -1.269E 10 10.056E 00 19.33 -1.668E 00 -4.217E-02 4.789E 02 5.694E 01 -1.264E 10 10.056E 00 18.51 -1.668E 00 -4.017E-02 4.789E 02 5.694E 01 -1.269E 10 10.056E 00 18.51 -1.668E 00 -4.017E-02 4.789E 02 5.694E 01 -1.269E 10 10.056E 00 18.51 -1.668E 00 -4.017E-02 4.789E 02 5.694E 01 -1.269E 10 10.056E 00 18.51 -1.668E 00 -4.017E-02 4.789E 02 5.694E 01 -1.2694E 01 10.056E 00 18.51 -1.668E 00 -4.017E-02 4.789E 02 5.694E 01 -1.2694E 01 10.056E 00 17.79 -1.668E 00 -4.0108E-02 4.789E 02 5.594E 01 -1.2694E 01 -	100	21.500	1.1			-1.868E	•			.287E	-5	.156€
21.700 1.8 1.053E 00 20.28 -1.868E 00 -3.021E-02 4.775E 02 6.124E 02 -5.693E 01 -9.209E-000 21.800 1.7 1.045E 00 20.09 -1.868E 00 -5.367E-02 4.735E 02 6.124E 02 -5.693E 01 -1.635E 100 21.900 1.8 1.004E 00 19.70 -1.868E 00 -4.145E-02 4.745E 02 6.164E 02 -5.693E 01 -1.236E 100 22.000 1.8 1.004E 00 19.56 -1.868E 00 -4.145E-02 4.775E 02 6.164E 02 -5.693E 01 -1.236E 100 22.200 1.8 1.054E 00 19.56 -1.868E 00 -4.475E-02 4.775E 02 5.501E 02 -5.693E 01 -1.236E 100 22.200 1.8 1.059E 00 19.30 -1.868E 00 -4.975E-02 4.775E 02 5.501E 02 -5.693E 01 -1.239E 100 22.500 1.9 1.059E 00 19.69 -1.868E 00 -4.975E-02 4.775E 02 5.501E 02 -5.693E 01 -1.239E 10 -1.239E 100 22.500 1.9 1.059E 00 18.86 -1.868E 00 -4.277E-02 4.775E 02 5.501E 02 -5.693E 01 -1.239E 100 22.500 1.9 1.059E 00 18.89 -1.868E 00 -4.277E-02 4.775E 02 5.501E 02 -5.693E 01 -1.239E 100 22.500 1.9 1.057E 00 18.89 -1.868E 00 -4.277E-02 4.775E 02 5.501E 02 -5.693E 01 -1.239E 100 22.800 1.9 1.057E 00 18.89 -1.868E 00 -4.277E-02 4.775E 02 5.501E 02 -5.693E 01 -1.200E 100 22.800 1.9 1.057E 00 18.89 -1.868E 00 -4.277E-02 4.775E 02 5.501E 02 -5.693E 01 -1.467E 00 22.800 1.9 1.057E 00 18.91 -1.868E 00 -4.277E-02 4.775E 02 5.501E 02 -5.694E 01 -1.220E 100 22.800 1.9 1.057E 00 18.91 -1.868E 00 -4.277E-02 4.775E 02 5.501E 02 -5.694E 01 -1.220E 100 22.800 1.9 1.057E 00 17.77 -1.868E 00 -4.200E-02 4.775E 02 5.501E 02 -5.694E 01 -1.220E 100 22.800 1.9 1.057E 00 17.77 -1.869E 00 -4.200E-02 4.810E 02 5.501E 02 -5.694E 01 -1.200E 100 22.800 1.9 1.057E 00 17.77 -1.869E 00 -4.200E-02 4.810E 02 5.501E 02 -5.694E 01 -1.200E 100 23.100 1.9 1.001E 00 17.79 -1.869E 00 -4.200E-02 4.810E 02 5.501E 02 -5.694E 01 -1.200E 100 17.79 -1.869E 00 -4.200E-02 4.810E 02 5.372E 02 -5.694E 01 -1.200E 100 17.79 -1.869E 00 -4.200E-02 4.810E 02 5.372E 02 -5.694E 01 -1.200E 100 17.79 -1.869E 00 -4.200E-02 4.810E 02 5.372E 02 -5.694E 01 -1.200E-02 10.000E-02 4.810E 02 5.372E 02 -5.694E 01 -1.200E-02 10.000E-02 4.810E 02 5.372E 02 -5.694E 01 -1.200E-02 10.000E-02 10.000E-02 10.000E-02 10.000E-02 10.000E-02 10.000E	900	21.600	1.6			-1.868	1			.234€	-5	.543€
21.800 1.7 1.045E 00 20.09 -1.868E 00 -5.367E-02 4.73E 02 6.124E 02 -5.644E 01 -1.636E 100 21.900 1.8 1.046E 00 19.90 -1.868E 00 -4.145E-02 4.74E 02 6.064E 02 -5.643E 01 -1.263E 100 22.000 1.8 1.046E 00 19.56 -1.868E 00 -4.475E-02 4.754E 02 5.064E 02 -5.643E 01 -1.263E 100 22.200 1.8 1.054E 00 19.38 -1.868E 00 -4.475E-02 4.762E 02 5.963E 02 -5.643E 01 -1.234E 100 22.300 1.8 1.054E 00 19.38 -1.868E 00 -4.276E-02 4.762E 02 5.964E 02 -5.643E 01 -1.234E 100 22.300 1.9 1.055E 00 18.69 -1.868E 00 -4.277E-02 4.7762E 02 5.964E 02 -5.649E 01 -1.234E 100 22.300 1.9 1.055E 00 18.69 -1.868E 00 -4.277E-02 4.7762E 02 5.964E 02 -5.649E 01 -1.234E 100 22.300 1.9 1.055E 00 18.69 -1.868E 00 -4.277E-02 4.7762E 02 5.967E 02 -5.697E 01 -1.237E 100 22.300 1.9 1.057E 00 18.69 -1.868E 00 -4.277E-02 4.841E 02 5.967E 02 -5.697E 01 -1.467E 00 22.300 1.9 1.057E 00 18.51 -1.868E 00 -4.217E-02 4.841E 02 5.967E 01 -1.467E 01 -1.220E 100 22.300 1.9 1.057E 00 18.91 -1.868E 00 -4.217E-02 4.841E 02 5.977E 02 -5.697E 01 -1.467E 01 22.300 1.9 1.057E 00 18.91 -1.868E 00 -4.217E-02 4.841E 02 5.977E 02 -5.697E 01 -1.220E 100 22.300 1.9 1.057E 00 17.77 -1.868E 00 -4.307E-02 4.816E 02 5.977E 02 -5.697E 01 -1.220E 100 23.3100 1.9 1.057E 00 17.77 -1.869E 00 -4.307E-02 4.816E 02 5.977E 02 -5.697E 01 -1.220E 100 23.3100 1.9 1.061E 00 17.77 -1.869E 00 -4.307E-02 4.816E 02 5.977E 02 -5.697E 01 -1.207E 100 23.3100 1.9 1.061E 00 17.79 -1.869E 00 -4.307E-02 4.816E 02 5.977E 02 -5.697E 01 -1.207E 100 23.3100 1.9 1.061E 00 17.79 -1.869E 00 -4.307E-02 4.816E 02 5.977E 02 -5.697E 01 -1.207E 100 100 100 100 100 100 100 100 100 10	006	21.700	1.8			-1.868	1			. 161E	-5.6	-209E-
100 21,900 1.8 1.044F 00 19.90 -1.868F 00 -4.145F-02 4.735F 02 6.066F 02 -5.663F 01 -1.263F 22,000 1.6 1.050F 00 19.36 -1.868F 00 -4.475F-02 4.753F 02 5.693F 01 -1.286F 100 22.200 1.6 1.050F 00 19.38 -1.868F 00 -4.475F-02 4.763F 02 5.693F 01 -1.239F 100 22.300 1.6 1.059F 00 19.21 -1.868F 00 -4.995F-02 4.763F 02 5.693F 01 -1.239F 100 22.400 1.6 1.059F 00 19.03 -1.868F 00 -4.995F-02 4.783F 02 5.693F 01 -1.239F 100 22.500 1.6 1.059F 00 18.69 -1.868F 00 -4.995F-02 4.783F 02 5.693F 01 -1.239F 100 22.700 1.6 1.057F 00 18.51 -1.868F 00 -4.813F-02 4.841F 02 5.643F 02 -5.693F 01 -1.467F 100 22.700 1.8 1.057F 00 18.51 -1.868F 00 -4.813F-02 4.841F 02 5.541F 02 -5.693F 01 -1.467F 100 22.300 1.8 1.057F 00 18.16 -1.868F 00 -4.813F-02 4.841F 02 5.541F 02 -5.693F 01 -1.467F 100 22.300 1.8 1.057F 00 18.16 -1.868F 00 -4.813F-02 4.841F 02 5.541F 02 -5.693F 01 -1.467F 100 22.300 1.8 1.057F 00 18.16 -1.868F 00 -4.813F-02 4.841F 02 5.541F 01 -1.250F 100 23.100 1.8 1.058F 00 17.79 -1.868F 00 -4.800F-02 4.810F 02 5.545F 01 -1.311F 100 23.200	000	21.800	1.1		~	-1.868E	•			.124E	-5.	
22.00 1.0 1.0 1.0 19.72 -1.000E 00 -4.210E-02 4.744 02 6.010E 02 -5.693E 01 -1.200E 10 0.22.100 1.0 1.000E 00 19.36 -1.000E 00 -4.475E-02 4.752E 02 5.903E 02 -5.693E 01 -1.304E 10 0.22.300 1.0 1.050E 00 19.21 -1.000E 00 -4.005E-02 4.761E 02 5.903E 02 -5.693E 01 -1.304E 10 0.22.300 1.0 1.059E 00 19.21 -1.000E 00 -4.005E-02 4.701E 02 5.903E 02 -5.693E 01 -1.239E 10 0.22.400 1.0 1.0 1.059E 00 19.21 -1.000E 00 -4.510E-02 4.701E 02 5.903E 02 -5.693E 01 -1.239E 10 0.22.400 1.0 1.059E 00 19.31 -1.000E 00 -4.510E-02 4.701E 02 5.903E 02 -5.693E 01 -1.294E 10 0.22.400 1.0 1.059E 00 10.059E 00 -4.510E-02 4.701E 02 5.401E 02 -5.693E 01 -1.294E 10 0.22.400 1.0 1.059E 00 10.059E 00 -4.201E-02 4.701E 02 5.401E 02 -5.693E 01 -1.201E 00 22.400 1.0 1.059E 00 10.33 -1.000E 00 -4.003E-02 4.701E 02 5.501E 02 -5.693E 01 -1.201E 00 22.400 1.0 1.059E 00 10.33 -1.000E 00 -4.003E-02 4.701E 02 5.501E 02 -5.693E 01 -1.201E 00 22.400 1.0 1.050E 00 17.79 -1.000E 00 -4.003E-02 4.700E 02 5.501E 02 -5.694E 01 -1.201E 00 23.100 1.0 1.050E 00 17.79 -1.000E-02 4.801E 02 5.422E 02 -5.695E 01 -1.301E 00 23.200 1.0 1.001E 00 17.79 -1.000E-02 4.801E 02 5.422E 02 -5.695E 01 -1.301E 00 23.200 1.0 1.001E 00 17.79 -1.000E-02 4.801E 02 5.422E 02 -5.695E 01 -1.301E 00 23.200 1.0 1.001E 00 17.79 -1.000E-02 4.801E 02 5.422E 02 -5.695E 01 -1.301E 00 23.200 1.0 1.001E 00 17.79 -1.000E-02 4.801E 02 5.422E 02 -5.695E 01 -1.301E 00 17.79 -1.000E-02 4.801E 02 5.422E 02 -5.695E 01 -1.301E 00 17.79 -1.000E-02 4.801E 02 5.422E 02 -5.695E 01 -1.301E 00 17.79 -1.000E 00 -4.300E-02 4.801E 02 5.422E 02 -5.695E 01 -1.301E 00 17.79 -1.000E-02 4.801E 02 5.422E 02 -5.695E 01 -1.301E 00 17.79 -1.000E 00 -4.300E-02 4.801E 02 5.422E 02 -5.695E 01 -1.301E 00 17.79 -1.000E-02 4.801E 02 5.422E 02 -5.695E 01 -1.301E 00 17.79 -1.000E-02 4.801E 02 5.422E 02 -5.695E 01 -1.301E 00 17.79 -1.000E-02 4.801E 02 5.422E 02 -5.695E 01 -1.301E 00 17.79 -1.000E-02 4.801E 02 5.422E 02 -5.695E 01 -1.301E 00 17.79 -1.000E-02 4.801E 02 5.422E 02 -5.695E 01 -1.301E 02 5.422E 02 -5.695E 01 -1.301E 02	100	21.900	1.8		-	-1.868E	i			. 066E	-5.	100
300 22.100 1.0 10.56 -1.668E 00 -4.475E-02 4.753E 02 -5.693E 01 -1.364E 100 22.200 1.6 1.054E 00 19.38 -1.668E 00 -4.064E-02 4.762E 02 -5.693E 01 -1.239E 500 22.200 1.6 1.054E 00 19.21 -1.668E 00 -4.604E 02 -5.693E 02 -5.693E 01 -1.239E 500 22.300 1.6 1.055E 00 19.21 -1.668E 00 -4.510E-02 4.781E 02 -5.694E 01 -1.239E 500 22.500 1.9 1.056E 00 19.457E-02 4.789E 02 -5.694E 01 -1.375E 800 22.500 1.9 1.056E 00 -4.247E-02 4.789E 02 -5.694E 01 -1.239E 800 22.500 1.9 1.056E 00 -4.811E-02 4.841E	200	22.000	1.6		19.	-1.868	ì			3010.	-5.693€	-1.286E
22.200 1.e 1.050E 00 19.38 -1.868E 00 -4.064E-02 4.762E 02 -5.693E 01 -1.239E 500 22.300 1.8 1.059E 00 19.21 -1.868E 00 -4.995E-02 4.776E 02 -5.694E 01 -1.352E 500 22.300 1.9 1.055E 00 18.68 -1.868E 00 -4.277E-02 4.776E 02 -5.694E 01 -1.375E 700 22.300 1.9 1.055E 00 18.69 -1.868E 00 -4.277E-02 4.789E 02 -5.695E 01 -1.297E 700 22.700 1.9 1.057E 00 18.51 -1.868E 00 -4.811E-02 4.841E 02 -5.692E 01 -1.467E 700 22.700 1.8 1.057E-00 -3.194E-02 4.784E 02 -5.692E 01 -1.467E 700 22.700 1.8 1.057E-00 -3	300	22.100	1.6		19.	-1.868E	ì			-563E	-5.693E	-1.364E
500 22.300 1.054E 00 19.21 -1.968E 00 -4.995E-02 4.781E 02 5.656E 02 -5.694E 01 -1.375E 500 22.400 1.e 1.059E 00 19.03 -1.868E 00 -4.510E-02 4.864E 02 -5.694E 01 -1.375E 700 22.400 1.e 1.056E 00 18.69 -1.868E 00 -4.510E-02 4.789E 02 -5.695E 01 -1.295E 900 22.700 1.e 1.067E 00 18.51 -1.868E 00 -4.81E-02 4.841E 02 -5.695E 01 -1.467E 100 22.700 1.e 1.067E 00 -3.194E-02 4.841E 02 -5.695E 01 -1.467E	004	22.200	1.8		19.	-1.868	i			3105°	-5.693E	-1.239E
600 22.400 1.e 1.059E 00 19.03 -1.868E 00 -4.51GE-02 4.864E 02 5.802E 02 -5.694E 01 -1.294E 700 22.400 1.9 1.056E 00 18.69 -1.868E 00 -4.247E-02 4.785E 02 -5.693E 01 -1.294E 800 22.700 1.9 1.056E 00 18.51 -1.868E 00 -4.813E-02 4.821E 02 -5.692E 01 -9.735E-109 100 22.800 1.7 1.063E 00 18.51 -1.868E 00 -4.813E-02 4.754E 02 -5.694E 01 -1.254E 200 22.800 1.8 1.054E 00 -4.813E-02 4.754E 02 -5.694E 01 -1.254E 200 1.8 1.056E 00 -4.813E-02 4.754E 02 -5.694E 01 -1.254E 200 23.100 1.8 1.056E 00	500	22.300	1.8		19.	-1.868	ī		1		-5.693E	\$22E
700 22.500 1.9 1.055E 00 18.86 -1.868E 00 -4.247E-02 4.775E 02 5.747E 02 -5.693E 01 -1.294E 09 22.600 1.6 1.056E 00 18.69 -1.868E 00 -3.570E-02 4.789E 02 5.645E 02 -5.695E 01 -1.088E 09 22.700 1.8 1.067E 00 18.51 -1.868E 00 -3.194E-02 4.841E 02 5.641E 02 -5.693E 01 -1.088E 00 22.800 1.7 1 1.063E 00 18.33 -1.868E 00 -4.813E-02 4.754E 02 5.514E 02 -5.693E 01 -1.467E 00 22.900 1.8 1.058E 00 17.97 -1.868E 00 -4.103E-02 4.754E 02 5.514E 02 -5.694E 01 -1.250E 10 22.900 1.8 1.058E 00 17.97 -1.869E 00 -4.300E-02 4.800E 02 5.475E 02 -5.654E 01 -1.310E 400 23.200 1.8 1.061E 00 17.79 -1.869E 00 -4.300E-02 4.810E 02 5.475E 02 -5.654E 01 -1.310E 400 23.200 1.8 1.061E 00 17.62 -1.868E 00 -4.355E-02 4.814E 02 5.372E 02 -5.653E 01 -1.074E	909	22.400	1.6		19.	-1.868E	1			- 3	-5-	375F
800 22.600 1.e 1.056E 00 18.69 -1.868E 00 -3.570E-02 4.789E 02 5.656E 02 -5.695E 01 -1.086E 00 22.700 1.8 1.067E 00 18.51 -1.868E 00 -3.194E-02 4.841E 02 5.641E 02 -5.692E 01 -9.735E-00 22.800 1.7 1.067E 00 18.33 -1.868E 00 -4.813E-02 4.821E 02 5.544E 02 -5.693E 01 -1.467E 00 22.900 1.8 1.058E 00 17.97 -1.868E 00 -4.03E-02 4.806E 02 5.42E 02 5.545E 01 -1.220E 100 23.100 1.8 1.058E 00 17.79 -1.869E 00 -4.300E-02 4.806E 02 5.42E 02 5.555E 01 -1.311E 100 23.200 1.8 1.058E 00 17.79 -1.869E 00 -4.300E-02 4.806E 02 5.42E 02 5.555E 01 -1.074E	700	22.500	1.9			-1.868	1				-8-	700C
900 22.700 1.8 1.067E 00 18.51 -1.867E 00 -3.194E-02 4.841E 02 5.441E 02 -5.692E 01 -9.735E-000 22.800 1.7 1.063E 00 18.33 -1.868E 00 -4.813E-02 4.821E 02 5.541E 02 -5.693E 01 -1.467E 100 22.900 1.8 1.057E 00 18.16 -1.868E 00 -4.003E-02 4.784E 02 5.534E 02 -5.694E 01 -1.250E 200 23.000 1.8 1.058E 00 17.79 -1.869E 00 -4.300E-02 4.800E 02 5.422E 02 -5.659E 01 -1.311E 400 23.200 1.8 1.061E 00 17.62 -1.868E 00 -3.525E-02 4.814E 02 5.372E 02 -5.653E 01 -1.074E	800	22.600	1.6		28	-1.868	1				-5.66SE	DARE
000 22.800 1.7 1.063F 00 18.3 -1.868F 00 -4.103F-02 4.754F 02 5.574F 02 -5.694F 01 -1.467E 100 22.900 1.8 1.057F 00 18.16 -1.868F 00 -4.103F-02 4.754F 02 5.534F 02 -5.694F 01 -1.250F 200 23.000 1.8 1.056F 00 17.97 -1.868F 00 -4.003F-02 4.788F 02 5.477F 02 -5.694F 01 -1.220F 300 23.100 1.8 1.058F 00 17.79 -1.869F 00 -4.300F-02 4.800F 02 5.427F 02 -5.695F 01 -1.318F 400 23.200 1.8 1.061F 00 17.62 -1.868F 00 -3.525F-02 4.814F 02 5.372F 02 -5.693F 01 -1.074F	006	22.700	1.8		8.1.5	-1.8675	-				-5.692F	73 SE-
100 22.900 1.8 1.057E 00 18.16 -1.868E 00 -4.103E-02 4.754E 02 5.534E 02 -5.654E 01 -1.256E 200 23.000 1.8 1.056E 00 17.97 -1.868E 00 -4.003E-02 4.788E 02 5.477E 02 -5.654E 01 -1.220E 300 23.100 1.8 1.058E 00 17.79 -1.869E 00 -4.300E-02 4.800E 02 5.472E 02 -5.655E 01 -1.311E 400 23.200 1.8 1.061E 00 17.62 -1.868E 00 -3.525E-02 4.814E 02 5.372E 02 -5.653E 01 -1.074E	000	22.800	1.1		18	-1.868F	-	4.8			-5.692F	7.75
200 23.000 1.8 1.056E 00 17.97 -1.868E 00 -4.300E-02 4.788E 02 5.477E 02 -5.654E 01 -1.220E 1900 23.100 1.8 1.058E 00 17.79 -1.869E 00 -4.300E-02 4.800E 02 5.472E 02 -5.655E 01 -1.311E 100 23.200 1.8 1.061E 00 17.62 -1.868E 00 -3.525E-02 4.814E 02 5.372E 02 -5.653E 01 -1.074E	100	22.900	1.5		38	-1.8683	-				4404.8-	200
23.200 1.6 1.0585 00 17.79 -1.8685 00 -4.300E-02 4.8108 02 5.4228 02 -5.655 01 -1.318 400 23.200 1.8 1.0615 00 17.62 -1.8685 00 -3.5255-02 4.8148 02 5.3728 02 -5.6535 01 -1.0748	200	22.000				1.000	100					3000
400 23.200 1.8 1.061E 00 17.62 -1.868E 00 -3.525E-02 4.814E 02 5.372E 02 -5.653E 01 -1.074E	200	23 100				10000					13.034	30.77
23.200 1.8 1.061E 00 17.62 -1.868E 00 -3.525E-02 4.814E 02 5.372E 02 -5.653E 01 -1.	200	23.100			::	-1.869E				327 L	-5.655	3116
	004	27. 200				2070		-				

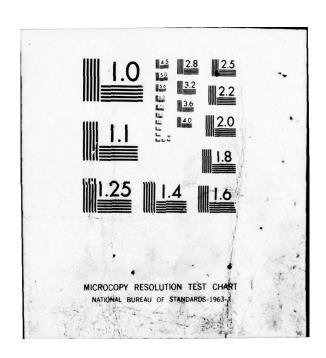
EXPERIMENTAL CATA

RCN	. 1080	TENSION	LENGTH	VELOCITY	ACCEL.	LENSICA	LENGIN	VELOCITY	ALCEL.
SEC	ANGLE	185	F.1	FT/SEC	F1/SEC/SEC	GRAP	5	CM/SEC	CM/SEC/SEC
23.400	1.1	1.058E 00	17.27	-1.869E 00	-4.300E-02	4.757E 02	.2636	-5.6941 01	-1.3116 0
23.500	1.8	3	17.09		-4.639E-02	8C8E	2105	5	-1.414E 0
23.600	1.1	1.061E 00	16.91	369B	-4.634E-02		.156E		-1.413E O
23.700	1.1	1.058E 00	16.74	3698	-3.563E-02	4.7576 02	.101E	-5.695E 01	3980
23.800	1.1	u	16.56	-1.868E 00	-4.494E-02		-048E	-5.693E 01	-1.370E 00
23.500	1.1	H	16.40	868E	-4.7CSE-02			670	
24.000	1.6	4	16.22	858E	-3.771E-02			-5.653E 01	
24.100	1.8	u	16.05	-1.868E 00	-4.887E-02			-5.693€ 01	
24.200	1.8	3	15.87	868E	-4.559E-02	193E	ш	-5.695E 01	-1.390E 00
24,300	1.8	4	15.70	867E	-3.108E-02				
24.400	1.8	1.053E 00	15.54	368E	-4.901E-02	4.177E C2			1.494€
24.500	1.6	E	15.35	869E	-4.104E-02			-5.653E 01	
~	1.8	w	15.19	. 868E	-4.181E-02				
	1.8	w	14.99	.868E	-4.279E-02			34E	
	1.6	1.067E 00	14.82	-1.869E 00	-4.562E-02			-	-1.391E 0
	1.7		14.67		-3.599E-02				
	1.1		14.49	367E	-4.130E-02			92E	
	1.1	1.059E 00	14.31		-5.010E-02				
37.400 25.200	1.1	1.056E 00	14.11	-1.868E 00	-3.206E-02			-5.654E 01	-9.771E-01
	1.8		13.95	941E	9.790E-01				
	1.6	8.657E-01	13.77		3.555E 00			36 PE	
	1.8	8.885E-01	13.65		3.439E 00				
	1.8	9.731E-01	13.57	-9.221E-01	3.867E 00	4.414E 02		-2.811E 01	1.179E 0
	1.8	6.760F-01	13.51	-3.124E-01	7.423E 00			-9.521E 00	
	1.5		13.53	1.696E-02	2.934E-01			5.170E-01	8.943E 00
	1.9	1.274E 00	13.54	.152	-1.920E-01			-3.512E-01	
		w	13.54	359	-7.397E-03	160E		-4.142E-01	
	2.0	-	13.52	310	-3.309E-02	145E	<u>.</u>	-3.992E-01	
	2.0	w	13.53	-	-3.397E-02	188E		-4.064E-01	-1.035E 0
		<u>.</u>	13.52	-1.422E-02	-3.872E-02	28E		-4.334E-01	-1.180E 00
	2.0	4	13.52	-1.307E-02	-3.890E-02				
	1.5	3.	13.52	-1.445E-02	-3.787E-02	62E		-4.405E-01	
	2.0	1.100E 00	13.52		-3.827E-02			-4.072E-01	
	5.7	9.267E-01	13.53	-1.4016-02	-3.902E-02	_	-	69	.189E
	2.0	9.673E-01	13.52		-4.091E-02	£ 76		-3.79E-01	
	2.0	36	13.52	-1.399E-02	-3.925E-02		-	-4.264E-01	1.196E
	1.9	-30	13.51	-1.33 7E-02	-4.073E-02	68E		-4.075E-01	-241E
	1.9	-39	13.52	-1.317E-02	-4.008E-02			-4.015E-01	1.222E
	2.0	SE.	13.54	-1.335E-02	-3.824E-02	4 1E		070	-1.165E 00
	2.0	SE.	13.53	-1.314E-02	-3.748E-02			-4.005E-01	
	1.5	9.637E-01	13.54	208	-3.852E-02	4.371E 02	4.126E 02	-3.683E-01	-1.174E 0
	2.0	36	13.54	-1.225E-02	-3.742E-02	4.619E 02		-3.734E-01	1.141
	1.9	32	13.54	-1.321E-02	-3.792E-02	37E		-4.026E-01	-
0.0	2.0	9.783E-01	13.54	1.225		4.437E 02	4.126E 02	-3.7336-01	-1.20CE C
		1 0046 00	13 84	946	-3.475E-02	2773			
	٠	2000			ı	2		2000	•

EXPERIMENTAL CATA

RCDR	TIME	ANGIE	NO I CHOI	Lincin	VELUCITY	ACCEL.	IENSICA	LANGIE	ALCOCITA	
EC	SEC	DEG	185	11	FT/SEC	FT/SEC/SEC	GRAP	3	CMISEC	CM/SEC/SEC
200	0.0	1.5	_	13.53	1.265	-3.892E-02	4.455E 02		-3.855E-01	
300	0.0	1.9	1.001E 00	13.53	.345	-3.940E-02	362E	4.124E 02	4.099E-	-1.201E 00
005	0.0	1.8	1.015E 00	13.53	408	-3.889E-02	603E		-4.251E-01	
200	0.0	1.9	3E-0	13.53	.419	-4.020E-02	.523E		-4.325E-01	325E
009	0.0	1.9	1.001E 00	13.51	1.3		4.540E 02	=	-3.586E-01	-304
200	0.0	2.0	9	13.52	1.146	-4.058E-02	582E		-3.4536-01	3642€
900	0.0	1.9	- Je	13.52	-	-4.085E-02	534E		-4.066E-01	.245E
006	0.0	1.9	0 3	. 13.51	1.369	-4.135E-02	544E		-4.172E-01	_
000	0.0	2.0	9	13.53	2	-3.983E-02			-3.882E-01	
100	0.0	2.6	-34	13.54	-1.280E-02	-3.911E-02	3629	-	-3.902E-01	-1.192E 00
200	0.0	1.5	0	13.53	-1.205F-02	-3.788E-02	245E	S.	-3.6736-01	
300	0.0	2.6	w	13.54	-1.304E-02	3		39	-3.976E-01	-1.14SE 00
004	0.0	1.9	-	13.53	-1.3586-02	-3.696E-02		3.6	-4.141E-01	.127E
200	0.0	2.0	-001E	13.54	-1.358E-02	-3.938E-02	4.542E 02		-4.138E-01	.200E
009	0.0	2.0	H	13.54	-1.357E-02	3			-4.135E-01	-
100	0.0	1.5	w	13.52	-1.248E-02	-3.896E-02	536E		-3.804E-01	1.187E
900	0.0	2.0	.003E	13.53	-1.297E-02	4	ш		-3.952E-01	
006	0.0	1.9	-002E	13.53	-1.352E-02	-3.915E-02	547E	ш	-4-121E-01	.193€
000	0.0	1.8	-3966 ·	. 13.53	-1.361E-02	-4.205E-02			-4.148E-01	.282E
100	0.0	2.0	.002F	13.52	-1.283E-02	-4.111E-02		-	-3.911E-01	1.253E
42.200	0.0	1.8	1.00ZE 00	13.50	-1.300E-02	-3.992E-02	545E	3	-3.963E-01	
300	0.0	2.0	-000E	13.52	-1.250E-02	-4.190E-02		30	-3.811E-01	-1.277E 00
004	0.0	2.1	.002E	13.52	-1.330E-02	-4.051E-02	243E		-4.052E-01	.235E
200	0.0	2.0	-001E	13.52	-1.2936-02	-3.954E-02	535E	3	-3.942E-01	-1.205E 00
009	0.0	1.9	-957E-	13.54	-1.232E-02	-3.935E-02			-3.754E-01	199E
200	0.0	2.0	.001E	13.54	-1.261E-02	-3.918E-02			-3.844E-01	194E
800	0.0	2.0	-000E	13.53	-1.361E-02	-3.869E-02	538E	4.125E 02	-4.150E-01	-
006	0.0	2.0	-001E	13.54	-1.2795-02	-3.684E-02	240E		-3.899E-01	.123E
000	0.0	2.0	-001E	13.53		-3.845E-02	542E	36	-4.042E-01	
100	0.0	1.6	.002E	13.53	1.269	-3.844E-02	_	4.12%E 02	-3.869E-01	
200	0.0	2.0	.001E	13.53	-1.262E-02	-3.974E-02	542E		-3.846E-01	
300	0.0	1.9	.003E	13.52	1.317	-3.876E-02	248E	4.120E 02	-4.013E-01	
400	0.0	2.0	*002E	13.52	1.262	-4.010E-02	246E		-3.846E-01	.222E
200	0.0	2.0		13.52	=	-3.931E-02	547E	***	-3.82E-01	
009	0.0	1.5	-003F		÷	-3.909E-02		w	-4.239E-01	70
100	0.0	1.9	-002E	13.53	-1,3376-02	-3.925E-02		4	-4.075E-01	-1.196E 00
800	0.0	2.0		13.51	-	-4.085E-02			-4.073E-01	-1.245E 0
006	0.0	2.0	*003E		1.349	-4.006E-02	.551E	3	Ξ	
000	0.0	1.8	*003E		-1.2785-02	-4.215E-02	4.549E 02	4.119E 02	-3.896E-01	_
100	0.0	2.0	.003E	13,53	-1.321E-02	-4.038E-02	4.548E 02	=	027	-
200	0.0	1.5	*002E	13.52	-1.195E-02	-3.875E-02	4.546E 02	4.122E 02	-3.642E-01	
300	0.0	2.0	.002E	13.53	1,339	-4.018E-02	45E	SE	-4.080E-01	
004	0.0	1.9	.002E	13.54	-1.243E-02	-3.842E-02	544E		787	1.171E
200	0.0	2.0	-002E	13.54	1.306	-3.800E-02	_	EF	s.	
009	0.0	2.0		13.54	1.276	3.674	5426	316	2 880	1.1206
					֡	١				





EXPERIPENTAL CATA

ACCEL	CM/SEC/SEC	-1.13E 00 -1.183E 00
WELOCITY	CH/SEC	-3.565E-01 -3.678E-01
TENSIGN LENGTH	3	4.126E 02
TENSICN	GRAP.	4.546E 02
ACCEL.	FT/SEC/SEC	-3.719E-02
TENSTON LENGTH VELOCITY	FT/SEC	-1.170E-02 -1.207E-02
- ENGL 1 LENGTH	F.T	13.54
TENSTON	185	1.002E 00
DSCL.	DEG	2.0
RUN	SEC	0.0
RCDR	SEC	4.800

EXPERIMENTAL DATA

67 67 45 60 60 60 60 60 60 60 60 60 60 60 60 60	ACCEL.	CM/SEC/SEC	1.50LE	-	10-3011-1-	E		-1.4316-01	-1.3636-01	.	-1.3446-01		-1.396E-01	-1.422E-01	-1.450E-01	-1.4036-01	-1.4136-01	-1.3236-01	-1.3266-01		33360	٠.	-1.0946-01	£		1.389	-1.452E-01	-1.9265-01	-9.077E-02	-1.5366-01	-1.4406-01		-1.565E-01
CATA PARAMETERS 10 = 645 NREC = 45 NCHN = 60C0 KW = 40.25 KA = 4.56	3>	CH/SEC	1.312E 00	-4-193E-01	-4.0106-01	-4.020E-01	-3.860E-01	-4.022E-01	-3.758E-01	-3.993€-01	-3.7165-01	-3.861E-01	-3.6916-01	-4.031E-01	-3.952E-01	-3.007E-01	-3.874E-01	-3.807E-01	-3.700E-01	-3.14/6-01		-2 6636-01	-3.611F-01	-3.607F-01	-3.673E-01	-3.921E-01	-3.718E-01	-3.835E-01	-3.759E-01	-3.955E-01	-3.758E-01	-3.908E-01	-3.887E-01
0.10 0.10 0.50	L'ENGTH	ð		BeE	376	35E			37E	366	2-157E 02	94E	93E		366		9 8 E		2. 191E 02							2.202E 02				2.199E 02			152E
RAMETERS INCH	TENSICN	GRAP	3.8216 02	4.4695 02	4.4626 02	4.4628 02					4-488E 02									70 306 0 7							4.477E 02			4.480E 02	4.491E 02	4.485E 02	4.479E 02
DSCILLATOR PAR MODE AMPLITUDE. FREQUENCY,	ACCEL.	FT/SEC/SEC	4.925E-02	-5.9845-03	-5-800E-03	-4.960E-03	-4.178E-03	-4.695E-03	-4.473E-03	-4.448E-03	-4-576F-03	-4.423E-03	-4.5¢1E-03	-4.665E-03	-4.756E-03	-4.603E-03	-4.637E-03	-4.336E-03	-4.350E-03	-3 6406-03	-4-336E-03	-4-1756-03	-3-590F-03	-4-005E-03	-3.869E-03	-4.556E-03	-4.765E-03	-6.318E-03	-2.978E-03	-5.046E-03	-4.751E-03	-5.052E-03	-5.146E-03
AYLON 1.00 2.00 45.00 47.50	ENGLISH UNITS	FT/SEC	4.303E-02	-	-1.3036-02	-1.319E-02	-1.266E-02	-1.320E-02	-1.233E-02	-1.310E-02	-1.2556-02	-1.267E-02	-1-277E-02	-1.322E-02	-1.297E-02	-1.275E-02			-1.214E-02	77.75-02	-1.3175-02	-1.1665-02	-1.185E-02	-1-1836-02	-1.2058-02	-1.286E-02	-1.220E-02	-1.259E-02	-1.233E-02	-1.298E-02	-1.246E-02	-1.282E-02	-1.249E-02
	- ENGL I	7.1	9.25	11:	1.20	1.20	7.21	7.21	7.21	7.22	7.21	7.20	7.19	7.20	1.20	7.19	7.18	1.19	5.5	7 . 10	7.20	7.22	1.22	7.23	7.23	1.22	7.21	7.21	7.21	1.21	1.20	7.19	7.19
CABLE MATERIAL CABLE MATERIAL COELERATION, FPS2 VELOCITY, FPS VELOCITY, FPS VECLERATION, FPS2 RUN TIME, SEC INITIAL LENGTH, FT	8	18 2	8.423E-01	832E-	9-836F-01	836E-	9.810E-01				9.895E-01	9.907E-01	9.901E-01	4.895E-01	9.871E-01	9.870E-01	9.847E-01	9.829E-01	9.805E-01	10-169-01	9. 791E-01	S. ROJE-01	9-787E-01	9.794E-01	9.808E-01	-847E-	9.869E-01				-3106	-888E-	•
A CA	OSCL. ANGLE	930	348.7	1,40.5	31.9	50.5	69.2	98.0	106.5	124.9	161.8	180.5	1.661	217.6	235.4	254.4	273.1	6.162	310.2	347.6	189.2	13.6	32.5	51.3	69.8	9.00	106.8	124.6	142.5	161.0	179.6	198.4	217.0
- 1 3 3 3 3 3 3 3	RUN	SEC	0.0		0.0	0.0	0.0	0.0	0.0		000	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TEST NO.	RCOR TIME	SEC	0.0	0.100	0070	0.400	0.500	0.600	0.700	0.800	1.000	1.100	1.200	1.300	1.400	1.500	1.600	1.700	006.1	2.000	2.100	2.200	2.300	2.400	2.500	2.600	2.700	2.800	2.900	3.000	3.100	3.200	3.300

EXPERIPENTAL CATA

TEN	ENSTON	LENGTH	VELOCITY	ACCEL.	TENSICN	LENGTH	VELOCITY	ACCEL.
-	185	FT	FT/SEC	F1/SEC/SEC	GRAP	ŧ	CH/SEC	CH/SEC/SEC
9.674		7.20	-1.248E-02	-5.171E-03	4.479E 02	35	-3.805E-01	-1.576E-01
9.86	63E-01	7.20	-1.223E-02	-5.102E-03		2.195E 02	275	.1.
9.85		1.20	-1.198E-02	-3.858E-03	-45BE	99	652E-	:
5.81		7.21	-1.262F-02	-4.445E-03	.453E	36	.!.	-
9.800		7.21	-1.136E-02	-4.420E-03		38	-3.462E-01	-1.3476-01
9.78		7.21	-1.149E-02	-3.821E-03		35	1.	-1.165-01
1.1		7.21	-1.276E-02	-3.838E-03			.1.	-1.170E-01
9.7	10-356	7.22	-1.238E-02	-3.858E-03		300	-3.7746-01	-1.176E-01
9.7978		7.22	-1.113E-02	-4.250E-03		326	-3.391E-01	-1.295F-01
9.79	10-396	7.22	-1.143E-02	-3.972E-03	4.443E 02	300	-3.483E-01	-1.2116-01
9.81	146-01	7.22	-1.176E-02	-3.908E-03		300	-3.584E-01	-1.191E-01
9.80	10-360	7.22	-1.146E-02	-4-178E-03	365	116	-3.493E-01	-1.2736-01
. 8	48E-01	7.22		-4.384E-03		300	-3.876E-01	-1.336E-01
98.	10-389	7.21		-4.211E-03		16	-3.754E-01	-1.284E-01
.8	5.874E-01	7.21	-1.256E-02	-4.982E-03		17E	-3.828E-01	-1.518E-01
.89	916-01	7.20	-1.187E-02	-5.686E-03		146	-3.617E-01	-1.7335-01
9.89	890E-01	7.21	-1.208E-02	-4.882E-03	-	176	-3.683E-01	-1.488E-01
. 8	-316	7.21	-1.171E-02	-4.985E-03			569	-1.519E-01
.86	969	7.22	-1.176E-02	-3.902E-03		2.199E 02	-3.584E-01	-1.189E-01
9.88		7.22	-1.164E-02	-3.824E-03			-3.548E-01	-1.166F-01
. 6	10-365	7.22		-4.061E-03			-3.466E-01	-1.238E-01
.8	1	7.22	:	-3.201E-03	4.467E 02	2.200E 02	-3.501E-01	-9.756E-02
		7.23	-1.087E-02	-3.599E-03			-3.314E-01	-1.097E-01
	1001	7.22		376	_		-3.464E-01	-1.029E-01
		7.23	-1.043E-02	4			-3.1786-01	-1.2396-01
		7.21	-1.201E-02	-3.254E-03			-3.659E-01	-9-917E-02
•		7.20		-3.785E-03			-3.5336-01	-1.1546-01
		7.21	-1.302E-02	-4.300E-03			-3.969E-01	-1.311E-01
	1001	7.22	-1.236E-02	-4.431E-03			-3.767E-01	1.3516
-	10-368	1.21	-1.240E-02	-4.275E-03			62	
	10-360	7.21	-	-4.896E-03		2.158E 02	-3.7346-01	
	10-327	17.7	-1.1806-02	-9.3985-03			-30306-01	
	246-01	7.22	-	-5.110E-03			25	
. 8	10-399	1.22	-1.195E-02	-5.188E-03			-3.641E-01	
9.8	75E-01	7.22	-1.176E-02	-5.141E-03			9	-1.5676-01
9.8	10-398	7.23	-1-1746-02	-4.033E-03			-3.577E-01	-1.229E-01
9.8	75E-01	7.22	-1.169E-02	-4.294E-03			29	-1.309E-01
9.8	10-316	7.22	-1.1456-02	-3.966E-03			-3.489E-01	209E-
8.8	82E-01	7.23	-1.150E-02	-4.581E-03			-3.504E-01	396E-
9.8	61E-01	7.21		-3.187E-03			-3.612E-01	7136-
9.6	52E-01	7.23	-1-214E-02	-4.350E-03			-3.701E-01	
	59F-01	7.21	1.202 8-	-1.5716-03			-3-665E-01	1.088F-
9.87	276-01	7.22	1.215F-				-3.706E-01	1.2976
9.8.6	185-01	1.22		-4.651E-03			!	1.4106-
				ł				
	1000	7.31	-1-142E-02	-4-4846-03	4.440E 02		-2- SADE-01	34.7E-

EXPERIMENTAL DATA

TIME	T E	OSCL.	TENSION	LENGTH	VELOCITY	ACCEL.	TENSIEN	LENGTH	VELOCITY	ACCEL.
	SEC	DEG	1.85	FT	FT/SEC	FT/SEC/SEC	GRAP	ð	CHISEC	CH/SEC/SEC
	0.	347.6	9.7596-01	7.20	-1.098E-02	-4.755E-03	4.443E 02	2.154E 02	-3.347E-01	-1-451E-01
	0.0	189.7	9.802E-01	7.21	-1.141E-02	-5.210E-03	0	2.15eE 02	-3.479E-01	-1.588E-01
	0.	13.6	9.789E-01	7.21	-1.181E-02	-4.782E-03	0	8 5	-3.600E-01	:
	0.0	32.1	9.785E-01	1.21	-1.1386-02	-4.784E-03	0	2.195E 02	-3.467E-01	-1.458E-01
	0.	50.8	9.796E-01	7.23	-1.117E-02	-3.421E-03	0	2.202E 02	-3.406E-01	-1.0436-01
	0.	65.5	9.808E-01	7:23	-1.169E-02	-4. C89E-03	0	50	-3.562E-01	-1.246E-01
		99.6	9.845E-01	7.23	-1.182E-02	-4.328E-03	0	2.204E 02	-3.601E-01	-1.319€-01
	0.	107.1	9.854E-01	7.24	-1.289E-02	-4.548E-03	0	2.205E 02	-3.930E-01	-1.386E-01
	0.	125.6		7.24	-1.136E-02		4.468E 02	2.2CTE 02	-3.461E-01	-1.2116-01
	0.	144.3	9.887E-01	7.24	-1.245E-02	-4.843E-03	0	2.2CEE 02	-3.795E-01	-1.476E-01
	0.	162.8	9.866E-01	7.23	-1.211E-02	-4.2396-03	0	2.204E 02	-3.690E-01	-1.292E-01
	•	181.6	5.886E-01	7.21	-1.227E-02	-4.105E-03	0	2.15EE 02	9	-1.251E-01
	••	200.4	9.881E-01	7.22	-1.2736-02	-4.130E-03	•	2.200E 02	-3.881E-01	-1.259E-01
	••	219.1	9.876E-01	7.22	-1.241E-02	-4-22 BE-03	•	2.202E 02	-3.783E-01	-1.2896-01
	•	237.3	9.866E-01	7.22	-1.211 E-02	-4.205E-03	100	2.202E 02	-3.691E-01	-1.282E-01
	••	256.2	9.858E-01	7.22	-1.239E-02	-4-111E-03	4.471E 02	2.201E 02	-3.177E-01	-1.2536-01
	•	275.0	9.832E-01	7.21	-1.200E-02	-		2	-3.657E-01	-1.261F-01
	•	293.6	9.812E-01	7.20	-1.162E-02	-4.303E-03		2.195E 02	-3.543E-01	-1.312E-01
000	•	312.0	9.80ZE-01	7.21	-1.158E-02	-4.0776-03		2.158E 02	-3.530E-01	-1.2436-01
000	•	330.4	9.775E-01	7.21	-	-4.670E-03		2.1596 02	-3.285E-01	1.423E-
000.01	0.0	344	9.787E-01	7.22	-1-146-02	-3.863E-03	4.4398 02	Z-201E 02	10-304-6-	-1.176-01
200	100	19.4	1.624E-01	1.26	2.5016-02	201210	3.0166 02	2.2046 02	20.00	7945 01
00	-200	34.3	9.7426-01	7.26	1.2046-01	1416	-	2.213E 02	3-6706 00	3.477E 01
001	.300	53.0	9.202E-01	7.30	2.387E-01	1.1956 00		2.225£ 02		3.643E 01
200	1.400	11.1	9.386E-01	7.33	3.471E-01	1.055E 00		2.235E 02	1.0586 01	3.216E 01
99	1.500	9.06	9.500E-01	7.39	4.438E-01	9.3766-01		2.252E 02		2.858E 01
902	009-	108.8	ī	7.43	5.327E-01	8.794E-01	576	2.263E 02		2.680E 01
00	.700	126.9	9.619E-01	7.50	6.172E-01			2.287E 02	1.016 91	2.638E 01
00	.800	145.3	9.192E-01	7.58	7.019E-01	8.667E-01	7	2.309E 02		2.642E 01
000	-000	163.5	9.5196-01	7.67	7.863E-01			2.3376 02	376	2.624E 01
000	000	182.3	9.223E-01	7.76		8.7075-01		20 3646 02		2.654E 01
000	200	0.102	9. 303E-01	68.	304E-	10-1601 B		20 32 56 - 2		10 3660.2
200	200	227			01000	10-10-00-0	-	70 3076-7	136	10 30 W.Z
	0000	90167				10-2700.0		20 3734-7		10 3040.7
2 3		276.0		2.0	2107	10-270-0	-	20 30000	0 (10 36 W. X
200	200	202	9.031E-01	6.33		10-3779-B	20 3601.4	20 36 67	3.935 01	10 3820·Z
	200	2111	10-27776		200 3030			20 3466 02	3641	7.0195 01
200		220.1	10.366.0					20 3607 6	10 2000	
000	000	369.1	9.0406-01		1.4246 00	8-172E-01	4. 100F 02	2. 7366 02		2.4916 01
00	000	136.4	9.3296-01	91.0	4076			5	\$.173E 01	1.96.26 01
200	.100	16.3	9.2686-01	9.35				2.8516 02	5-330F 01	1.2426 01
900	.200	34.7	9-102E-01	9.51		1.7105-01	100		5.408E 01	5.211E 00
001	.300	53.1	9.4966-01	9.68		2.505E-02		10	5.430E 01	7.636E-01

EXPERIMENTAL CATA

RCOR	NO.	0861.	TENSION	LENGTH	VEL OC LTV	ACCEL.	TENSICN	LENGTH	VELOCITY	ACCEL.
36.5	SEC	990	188	14	FT/SEC	FT/SEC/SEC	GRAP	5	CH/SEC	CM/SEC/SEC
009	2.500	90.4		10.00	1.779E 00	-2.759E-02	4.315E 02	3.C45E 02		-8.409E-01
12.700	2.600	108.7	9.4295-01	10.17	1.778E 00	-	100	3.101E 02	5.419E 01	-5.299E-01
800	2.700	127.1		10.34	1.777E 00	-1.678E-03	4.259E 02	3.151E 02		-5.115F-02
006	2.800	149.5		10.51	1.778E 00	2.844E-03	4.314E 02	3.203E 02	5.418E 01	8.670E-02
000	2.900	164.0		10.69	1.778E 00	5.873E-04		3.258E 02	5.418E 01	1-790F-02
100	3.000	182.6		10.88	1.777E 00	5-956E-04		3.315E 02	5.418E 01	1.015E-02
200	3.100	201.3	9-4706-01	11.05	1.777E 00	-4.269E-03	4.296E 02	3.369E 02	5.4166 01	-1.301E-01
300	3.200	219.6		11.22	1.777E 00	1.9236-03		3.421E 02	5.417£ 01	5.862E-02
004	3.300	237.8		11.39	1.777E 00	8-127E-04		3.473E 02	5.416E 01	2.477E-02
200	3.400	256.6	9.210E-01	11.58	1.776E 00	-2.914E-03		3.530E C2	S.415E 01	-8.882E-02
009	3.500	275.1	9.641E-01	11.76	1.776E 00	1.1496-03		3.584E 02	10 3+1+·S	3.504E-02
100	3.600	293.1	9.221E-01	11.91	1.776E 00	-5.021E-03		3.4296 02	5.412E 01	-1.530E-01
800	3.700	311.2	9-355E-01	12.10	1.775E 00	-1.623E-03		3.689E 02	5.411E 01	-4.946E-02
006	3.800	329.6	9-245E-01	12.25	1.774E 00	-1.648E-03		3.733€ 02	5.467E 01	-5.022F-02
14.000	3.900	348.4	9.396E-01	12.43	1.774E 00	-1.998E-03		3. 787E 02	5.404E 01	-6.091E-02
14.100	4.000	153.7	9.193E-01	12.62	1.776E 00	2.096E-03		3.846E 02	5.412E 01	6.388E-02
4.200	4.100	15.6	9.267E-01	12.82	1.777E 00	-4.537E-03	4.204E 02	3.906E 02	5.4176 01	
300	4.200	34.3	9.318E-01	12.98	1.777E 00	-2.037E-03		3.557E 02	5.4146 01	-6.210E-02
4.400	4.300	52.9	9.245E-01	13.15	1.776E 00	-1.937E-03		4.009E 02	5.4146 01	-5.964E-02
200	4.400	71.6	9.399E-01	13.32	1.776E 00	-2.463E-03	13	4.06CE 02	5.4146 01	-7.508F-02
009	4.500	90.5	9.207E-01	13.52	1.778E 00	2.519E-03		4.121E 02	5.420E 01	7.677E-02
200	4.600	108.7	9.4565-01	13.69	1.778E 00	-4-879E-03		4.173E 02	5.420E 01	-1.487E-01
900	4.700	127.0	9.2196-01	13.68	1.778E 00	-8.7111-04	4.182E 02	4.232E 02	5.420E 01	-2.655E-02
006	4.800	145.4	9.4126-01	14.06	1.778E 00	-4.375E-03		4.284E 02	5.418E 01	-1.3346-01
000	***	163.7	9.3026-01	14.22	1.777E 00	-3.020E-03		4.339E 02	S.410E 01	-9.204E-02
100	2.000	182.3	9.307E-01	14.41	1.777E 00	1.915E-03		4.391E 02	5.416E 01	5.136F-02
200	2.100	200.9	9.627E-01	14.58	1.777E 00	-2.50 8E-03		4.445E 02	5.416E 01	-7.443E-02
300	2.200	215.2	9.068E-01	14.74	1.776E 00	-2.060E-04		4.493E 02	5.414E 01	-6.278E-03
400	2.300	237.9	9.624E-01	14.91	1.776E 00	-3.794E-03		4.546E 02	10 3414.6	-1.1566-01
200	2.400	220.5	9.354E-01	15.07	1.775E 00	-3.084E-03		4.5936 02	5.411E 07	-9.399E-02
009	2.500	274.5	9.241E-01	15.25	1.775E 00	2.171E-04		4.6486 02	5.411E 01	3
000	0000	23.5	9.5276-01	15.42	1.775E 00	-2.981E-03		4.6998 02	10 3015°C	
000	2000	3111-5	•	15.58	1.774E 00	1.22 95-04		4-1491 02		
000	2000	330.0	348E-01.	15.73	1.774E 00	-4-108E-03		4. 80 GE 02	2040E 01	_
99	2.900	348.9		15.42	1.773E 00			\$0 31ca+	2	10-1646-1-
200	000.	143.4		01.01	1.175 00	-1.5105-04		4.567E 02		-2.307E-02
007	001.9	16.3		16.30	1.777E 00	-5-605E-03		4.968E 02	5.415E 01	-1.7096-01
300	0.200	35.0		16.47	1.776E 00	2.780E-03		5.019E 02	5.414E 01	8.475E-02
400	9.300	53.6		16.66	1.7776 00	1.865E-03		5.077E 02	5.415E 01	
16.500	0.400	72.3	9.4156-01	16.83	1.776E 00	•	4.2716 02	5.129E 02		-1.0356-01
000	0.200	91.0		17.02	1.778E 00	-2.959E-03		5.187E 02	5.420E 01	-9.018F-02
200	009-9	109.5		17.18	1.778E 00	-5.561E-03	4.283E 02	5.236E 02	5.419E 01	-1.6956-01
00	6.700	127.7		17.36	1.778E 00	2.218E-03	4.247E 02	5.290E 02	5.4186 01	6.7615-02
006	0.800	146.4	9.269E-01	17.53	1.777E 00	-2.310F-03	170	5.3446 02	5.415E 01	-7.041E-02
17.000	9.900	165.0		17.71	1.777F 00	-4-704E-04	4.3416 02	5.35EE 02	5.415E 01	-1-634F-02
									-	-

EXPERIMENTAL CATA

RCOR	NO.	OSCL.	TENSION	LENGTH	VELOCITY	ACCEL.	TENSICK	LENGTH	VELOCITY	ACCEL.
SEC	SEC	086	185		FT/SEC	FT/SEC/SEC	GRAP	ð	CP/SEC	CM/SEC/SEC
17.200	7.100	202.6	9.4465-01	18.04	1.775E 00	-6.616E-03	4.2858 02	5.457E 02	5.411E 01	-2.016E-01
.300	1.200	220.5	9.336E-01	18.21	1.774E 00	6.958E-04	4.235E 02	5.551E 02	5.4C9E 01	2.121E-02
.400	7.300	239.3	9.425E-01	18.38	1.774 00	-1.119F-03	4.275€ 02			-3.410E-02
. 500	7.400	257.5	9.391E-01	18.54	1.774E 00	3.7295-04	4.260E 02	5.652E 02	376	1-1376-02
009.	7.500	276.5	9.374E-01	18.71	1.774E 00	5.399E-04	4.252E 02	5.703€ 02	376	1.64 EE-02
.700	7.600	294.8	9.375E-01	18.89	1.774E 00	-8.458E-03	4.253E 02	5.157E 02	5.406E 01	-2.5788-01
. 800	7.700	313.1	9.218E-01	19.07	1.772E 00	-1.361E-03	4.181E 02	5.ELZE 02	12E	-4-148E-02
006.	7.800	331.6	9.332E-01	19.24	1.772E 00	-2.867E-03	4.233E 02	5.863E 02	02E	-8.738E-02
0000	7.900	350.7	9.199E-01	19.42	1.772E 00	-1.920E-04	4.172E 02	5.518E 02	5.401E 01	-5.853F-03
.100	8.000	104.5	9.261E-01	19.63	1.775E 00	5.90cF-04	4.201E 02	5.582E 02	35	
.200	8.100	18.6	5.369E-01	19.61	1.776E 00	-4.7596-03	4.250E 02	6.037E 02	126	-1.451E-01
.300	8.200	37.4	9.204E-01	19.58	1.776E 00	5.594E-04	4.175E 02	6.051E 02	-	1.7056-02
004.	8.300	56.1	9.288E-01	20.16	1.776E 00	-2.7365-03	4.213E 02	6.143E 02		-6.339E-02
.500	8.400	15.0	9.3996-01	20.34	1.775E 00	-6.735F-04	4.263E 02	6.158E 02		-2.053F-02
009-	8.500	93.1	9.150E-01	20.52	1.777E 00	1.5896-03	4.150E 02	6.255E 02		4.8446-02
. 700	8.600	112.2	5.533E-01	50.69	1.776£ 00	•	4.324E 02	6.305E 02		-1.443E-01
.800	8.700	130.€	9.457E-01	20.87	1.776E 00	-5.149E-04	4.308E 02	6.360E 02		-1.569E-02
006.	8.800	149.3	9.2346-01	21.04	1.776E 00	-6.031E-03	4-189E 02	6.414E 02		-1.838E-01
000	8.900	167.6	9.469E-01	21.21	1.775E 00	-2-1796-03	4.295E 02	6.465E 02		-6.6426-02
001.	000.6	186.5	9.3186-01	21.37	1.7756 00	1.305E-03	4.227E 02	6.513E 02	5.409E 01	3.9796-02
.200	9.100	205.0	9.301E-01	21.54	1.775E 00	-4.539E-03	4.2196 02	6.564E 02	10 3604·5	-1.3846-01
.300	9.200	223.2	9.392E-01	21.70	1.7746 00	3.089E-04	4.260E 02	6.615E 02	401E	9.416E-03
000	9.300	9-162	9.46 TE-01	21.88	1.774E 00	-3.368E-03	4-2946 02	6.670E 02	100	-1.026E-01
200	000	1.007	10-3667-6	22.05	101/45 00	-3.034-03	20 3967 .	6. 124E 02	200	-9.323E-02
100	007	207.6	0 2626-01	32 40	1.7735 00	7.0275-04	4.227E 02	6 6336 03	70 3000	20.35.00
800	9.700	316.7	9-222E-01	22. 48	1.7736 00	7.8745-04	4.1836 02	A. 8836 02	1036	2.4016-02
900	9.800	334.3	9.3336-01	22.75	1.773E 00	-3.735E-03	4.233E 02	6.9336 02	5.403E 01	-1-1385-01
000	9.900	353.6	9.3596-01	22.94	772	_		6.551E 02	\$00¢	-1.3816-01
100	10.000	56.4	9.237E-01	23.13	1.774E 00	1.002E-04	4.190E 02	7.050E 02	3624	3.054E-03
200	10.100	1.12	9.292E-01	. 23.31	_	-4.250E-03		7.106E 02	301	-1-298E-01
300	10.200	39.1	9.382E-01	23.46	1.775E 00	4.971E-03		7.150E 02	410E	1.515E-01
004	10.300	58.2	9.232E-01	23.63	1.775E 00	-1.4191-04		7.203E 02	3501	-4-326E-03
.500	10.400	77.0	9.381E-01	23.82	1.775E 00	-2.680E-03		7.260E 02	36	-8.169E-02
009	10.500	95.7	9.333E-01	24.00	1.776E 00	-2.480E-03		7.3166 02	5.414E 01	-7.559E-02
.700	10.600	114.0	4	24.16	1.775E 00	-7.111E-03		7.365E 02	16	-2.167E-01
. 900	10.700	132.5	9.417E-01	24.34	1.776E 00	1.664E-03		7.417E 02	5.412E 01	5.073E-02
906	10.800	150.5	4	24.50	1.775E 00	-3.3936-03		7.466E 02		-1.034E-01
000	10.900	169.5	4	24.66	1.775E 00	-1.492E-03		7.517E 02	750	-4.547E-02
001	11.000	188.2	9.544E-01	24.84	1.775E 00	1.3086-04		7.57CE 02		3.987E-03
.200	11.100	206.8	-	28.02	1.774E 00	-7.579E-03		7.625E 02	5.408E 01	-2.310E-01
300	11.200	554.5	-	25.20	1.774E 00	2.188E-03	4.222E 02	7.601E 02	5.400E 01	6.668E-02
004.	11.300	243.4	-	25.37	1.774E 00	-9.491E-04	4.297E 02	7.7348 02	5.408E 01	-2.893E-02
. 500	11.400	262.1	w	25.54	1.774E 00	5.316E-04	4.208E 02	7.784£ 02	5.407E 01	1-620E-02
009-	11.500	280.6	w	25.73	1.773 00	1.450E-03	4.199E 02	7.6416 02	5.406E 01	4.420E-02
		-	1 1 1							

EXPERIMENTAL CATA

RCOR RUN	0801.	TENSION	LENGTH	VEL OC 17Y	ACC EL.	TENSICH	LENGTH	VELOCITY	ACCEL.
SEC	ANGLE	185	F	FT/SEC	F1/SEC/SEC	GRAP	5 S	CH/SEC	CM/SEC/SEC
			26.08	1-772F 00	-1-456F-01		7.548F 02	3104	-4-4375-0
		9-194E-01		1.772E 00	-3-0286-03	4.171F 02	7.9516 02	•	. 0
		-	26.38	7716	3366		8.040F 02	367F	4-0726-
		9.219E-01	26.61	1.7746 00	1-102E-03		8.112E 02	390	3.3596-0
			26.79	. 775E	-6.387E-03	4.176E 02	8.166E 02	365	-1.9476-0
		1	26.97	.774E	.965		~	5.408E 01	5.989E-02
			27.13	.774E	-3.894E-03				-1.1876-01
		9.2436-01	27.30	.774E	748E-		322E	5.408E 01	-5.327E-02
	96.5		27.50	176F			8.383E 02		6.023E-0
			27.68	.776E	-4.328E-03				-1.3198-0
		9.3766-01	27.86	.776E	9.546E-04	4.253E 02	8.491E 02	5.413E 01	2.910E-02
		9.1636-01	28.04	.175E	-7.509E-03			5.410E 01	-2.289E-0
			28.19	.774E	-2.449E-03				-7.465E-0
		9.346E-01	28.37	.774E	2.780E-03			36	8-475E-0
	206.5		28.55	.774E	-3.234E-03			311	-9.857E-0
		1	28.72	.773E	1.642E-03			396	9-005E-0
			28.89	-774E	-2.886E-03	4.273E 02	8.8C7E 02	391	-8.797E-0
		9.196E-01	29.04	.773E	-1.5598-03			5.403E 01	-4.751E-0
		9.216E-01	12.62	772E	1.8125-03		8.904E 02	370	5.523E-02
		9.350E-01	29.38	.772E	-4.085E-03		8.956E 02	311	-1.246E-0
		9.207E-01	29.54	.172E	1.556E-03		9.005E 02	_	4.742F-02
		9-1746-01	29.70	.771E	-4-147E-03	4.161E 02	9.054E 02	=	-1.264E-0
13.900	353.2	9.291E-01	29.87	1.771E 00	-2.516E-03	4.214E 02	9.104E 02	5.357E 01	-7.669E-02
		9.204E-01	30.08	.773E	-8.9626-04		9.169E 02		-2.732E-0
		9.182E-01	30.26	.774E	-5.057E-03		1	316	-1.541E-0
		9.24SE-01	30.43	.774€	4.770E-03	36	.274E	366	1.4546-0
		9.157E-01	30.61	.774E	-1.987E-03	w			-6.057E-0
		9.243E-01	30.81	.775E	-3.896E-05		306E		-1-188E-03
		9.270E-01	31.00	1.776E 00	-2.578E-04	3	9.450E 02	156	-9.077E-0
		9.275E-01	31.16	-776E	-8.350E-03		02E		-2.545E-0
900 14-700		9.254E-01	31.35	.775E	2.677E-03		9.555E 02		8.161E-02
		9.329E-01	31.52	.775E	-2.296E-03		16	301	-6.99F-0
000 14.900		9.283E-01	31.68	.774E	8.628E-04			380	2.630E-02
		9.307E-01	31.84	.774E	-2.22 1E-05		356	376	-6.787E-0
		9.281E-01	32.01	.173E	-7.556E-03				-2.303E-0
		9.191E-01	32.19	.772E	1.99 36-03			320	6.074E-0
		9.438E-01	32.35	.772E	-2.396E-03			97C	-7.304E-0
200 15.400		9.284E-01	32.52	-771E	1.367E-03	4.211E 02	9.912E 02	5.399E 01	4.165E-02
	192	9.164E-01	32.69	.772E	1.2196-03				3.716F-0
	562	9.341E-01	32.85	.771E	-7.824E-03		9100		-2.385E-0
	317	9.2906-01	33.03	.771E	-2.004E-03		007E	5.397E 01	-6-108E-02
	336	9.119E-01	33.20	.771 E	3.390		OIZE		-1.0335-0
	353	9.219E-01	33.37		-1-1416-04		017E	96E	-3.478E-0
		9.257E-01	33.60		3.0756-03	0	024E		9.374E-02
	23	9.1135-01	33.80	1.774F 00	-5.9316-03	-	1.0205 03	316	10-3006-1-

EXPERIMENTAL CATA

ACOR	116	ANGLE	IENSION I	LENGIN	AETOCI IA	WLLEL.	IENSILA	LENGIF	AFFORIA	WALEL.
SEC	SEC	930	1.85	11	FT/SEC	FT/SEC/SEC	GRAP	5	CP/SEC	CM/SEC/SEC
26.400	16.300	60.09	-	34.16	1.773€ 00	-4-645E-03	4.207E 02	1.041E 03	5.406E 01	-1.416E-01
. 500	16.400	19.9	9.170E-01	34.33	1.773E 00	-3.423E-04	4.159E 02	1.046E 03		- 04 3E-
009	16.500	98.6	9.186E-01	34.52	1.775E 00	3.178E-03	4.167E 02	1.0526 03	5.410E 01	9.688E-0
26.700	16.600	117.0	.37	34.67	774E	-3.688F-03	4.252E 02	1.0576 03	5.408E 01	-1.124E-01
. 800	16.700	135.3	9.228E-01	34.84	1.774E 00	1.300E-03	4.186E 02	1.062E 03	5.407E 01	4.208E-0
006-	16.800	153.0	9.187E-01	35.01	774E	-7.643E-03	4.167E 02	1.0676 03	5.407E 01	1
0000	16.900	172.3	9.282E-01	35.18	772E	-1.7376-03	4.210E 02	1.072E 03	5.402E 01	294
100	17.000	190.8	9.354E-01	35.35		2.460E-03	4.243£ 02	1.0776 03	5.403F 01	7-499F-
.200	17.100	209.1	9.254E-01	35.50	772E	-3.457E-03	4.197E 02	1.082E 03	5.402E 01	
.300	17.200	227.0	9.155E-01	35.66		3-1736-03	4.153E 02	1.0276 03	5.401E 01	2
004.	17.300	245.7	9.304E-01	35.84	1.772E 00	-4.570E-03	4.220E 02	1.092E 03	5.401E 01	-1.393F-01
.500	17.400	264.6	9.303E-01	36.01	771E	-2.647E-03	4.220E 02	1.058E 03	5.358E 01	990
009	17.500	283.2	9.147E-01	36.18	7716	-3.284E-04	4.149E 02	1.103E 03	5.399E 01	100
200	17.600	301.7	9-127E-01	36.35		-4-139F-03	4.140F 02	1.108F 03	5.35 AF 01	1.261
800	17.700	320.3	9-282E-01	36.53		5.0436-03	4.210F 02	1.1136 03	5.357F 01	1.5376.9
006	17.800	339.3	9-168E-01	36.70		-3.738F-03	4-159F 02	1,1196 03	5.357F 01	
000	17.900	308-1	9.076E-01	36.87		-2-5246-03	4.1176 02	1.1246 03	5.357E 01	69
100	18.000	7.5	9-1796-01	37.13		-4-676F-04	4-164E 02	1.1326 03	5.405E 01	1.425
-200	18.100	26.4	9-201F-01	37.28		-5.578F-03	4.174F 02	1.1366 03	5.404F 01	700
.300	18.200	45.2	9.094E-01	37.43		5-859E-03	4.125F 02	1.1416 03	5.404E 01	
**	18.300	63.1	9.084E-01	37.61		-1.367E-03	4-120E 02	1.1466 03		-4.165F-
.500	18.400	82.4	9.295E-01	37.81	1.774E 00	3-3966-04	4.216E 02	1.1536 03		1.035E
. 600	18.500	101.4	9.265E-01	38.00	-	-1.2916-03	4.202E 02	1.1566 03		-3.936E-0
. 700	18.600	119.5	9.129E-01	38.17	1.774E 00	-8.4306-03	4.141E 02	1.163€ 03	5.406E 01	570
. 800	18.700	138.0	9.164E-01	36.32		2.600E-03	4.1578 02	1.168 03	5.404E 01	7.923E-02
. 900	18.800	156.4	9.32TE-01	38.49	_	-1.812F-03	4.231E 02	1.1736 03	5.404E 01	-5.523E-
000	18.900	175.1	9.125E-01	38.66	_	-5.288E-04	4.139E 02	1.1786 03	5.4036 01	-1.612E-02
.100	19.000	193.7	0.941E-01	38.83	_	-9.185E-05	4.055E 02	1.103E 03	5.402E 01	-2.799E-03
-200	19.100	212.3	9.3156-01	39.00	1-772E 00	-7.495E-03	4.22%E 02	1.185E 03	5.4016 01	-2.285E-0
.300	19.200	230.5	9.284E-01	39.18	_	2.797E-03	4.2116 02	1.1546 03	5.402E 01	926
. 400	19.300	249.0	9.0236-01	39.28		-3.306E-03	4.093E 02	1.1576 03	5.400E 01	-1.000E-0
.500	19.400	267.8	9.092E-01	36.96		2.4696-03	4.124E 02	1.200€ 03	5.399E 01	7.525E-02
009	19.500	586.4	9.275E-01	39.52	_	2.7116-03	4.207E 02	1.205E 03	5.400E 01	8.263E-02
. 100	19.600	304.4	9-1446-01	39.68	1.771E 00	-6.026E-03	4.148E 02	1.265E C3	5.358E 01	-1.837F-01
. 800	19.700	322.4	9.025E-01	39.86	_	-3.6186-05	4.094E 02	1.215E 03	5.396E 01	-1.1036-03
.900	19.800	341.2	9.101E-01	40.00		-3.320E-03	4.128E 02	1.2196 03	5.394E 01	-1.012E-0
.000	19.900	269.0	9.207E-01	40.18		1.8736-03	4.176E 02	1.225E 03	5.394E 01	5.709F-0
100	20.000		9.14E-01	40.45	_	=	4.148E 02	1.232E 03	5.4056 01	9.544E-02
-200	20.100	28.6	9.0296-01	40.60	1.773E 00	-5.480E-03	4.095E 02	1.2386 03	5.404E 01	-1.670E-
.300	20.200	47.3	9.00E-01	40.74		2.7165-03	4.122E 02	1.2426 03	5.403E 01	8.280E-(
***	20.300	1.99	9.202E-01	16.04		-4.328E-03	4.1746 02	1.247E 03	5.402E 01	-1.319F
- 500	20.400	85.1	9.135E-01	41-11	1.773E 00	1.4196-04	4.143E 02	1.293E 03	5.404E 01	4.326E-
. 600	20.500	103.6	9.040E-01	41.30		-1.511E-03	4.100E 02	1.259€ 03	5.407E 01	-4.606F
30.100	20.600	121.7	9.150E-01	41.40	1.773E 00	-4-178E-03	4-150E 02	1.2646 03	5.405E 01	-1.273E
008-	20.700		10-2701 0	77 .7	. 114.	:	*****			ĸ
	201.03	2001	10-1001-4	20011	00 341101	1.4316-03	4.10/E 02	1.275 03	3040VE 01	4.360F

EXPERIMENTAL CATA

1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,			TENSION	LENGTH VELOCI	VELOCITY	ACCEL.	TENSICN	LENGTH	VELOCITY	ACCEL.
15.4 1.25	SEC SE		-	E	FT/SEC	FT/SEC/SEC	GRAP	5	C#/SEC	CM/SEC/SE
1,100 11:15 11:1			9-042E-	41.99	7736	-	1016	1.2805.03	S.403E 01	-4-1486-0
1,100 211.5 5.428F-0 42.34 1.7772 10 4.598F-0 4.598F-0 1.598F 0 1.598F 0 1.598F-0 1.598F-0 4.598F-0 4.59			9.1656	42.17	773E	2	999	1.2856 (3	5.403E 01	-6.362E-0
21.200 231.5 2.214E-01 4.2.50 1.777E 00 4.394E-03 1.255E 02 1.255E 03 5.400E 01 1.224E 1.255E 03			9.28SE	45.34		~			5.402E 01	924E-
1,100 244.6 9,115E-01 42.67 1,775E-03 4,125E-03 4,12			9.231E	42.50	.772E	4.999E-03		7	-	124F
11-400 246-6 9-1156-0 4-2-8 1-7716 00 1-1346-0 4-1316 01 1-1346			9.14SE	42.67	.772E	-4.175E-03	-	300E	5.400E 01	
21-500 246. 9-1966-01 42-39 1-7706 0 2-13156 0 2-131			9.153E	42.82	-771E	-1.33 EE-03	7	3006	5.35 BE 01	-4.072E-0
21-600 345.5 9.097F-01 43.16 1.770E 00 2.425F-03 4.126E 02 1.226E 03 5.346E 01 1.316E 03 5.346E			9.196E	45.98	-770E	-2.115E-03		3101	5.396E 01	-6.447F-0
1.100 33.3.2 9.077E-01 43.41 1.770E 00 -2.549E-03 4.117E 02 1.32EE 03 5.394E 01 1.717E 03 1.770E			9.097E	43,16	.770E	-2.625E-03	-57	3156	5.356E 01	-8.000E-0
1.00 23.4.2 9.121e-01 43.49 1.770g 00 2.397e-03 4.112f 02 1.312g 03 5.394g 01 -6.222c-00 10.7 9.121e-01 43.91 1.770g 00 2.337e-03 4.12g 02 1.312g 03 5.394g 01 -6.222c-00 44.25 1.772g 00 -1.312f 02 1.344g 03 5.40g 01 -1.017g 1.344g		323	9.057E	43.31	-770E	4.317E-03		320E	5.394E 01	1.316F-0
1,000 1,1,00 1,		342	9.121E-	43.49	-770E	-2.797E-03		3266	•	-8.526E-0
22.000 10.7 9.1886-01 44.09 1.772E 00 -3.537F-03 4.115E 02 1.34E 03 5.40E 01 1.007F-032.00 10.7 9.1886-01 44.09 1.772E 00 -3.607F-03 4.115E 02 1.34E 03 5.40E 01 1.007F-032.00 10.40 9.1086-01 44.40 1.772E 00 1.3497F-03 4.115E 02 1.34E 03 5.40E 01 1.007F-03.00 1.240 0.0 1.240 0		251	9.221E-	43.67	-770E	N				-7.830E-0
22.200 13.7 9.0066-01 44.09 1.7726 0.3.7836-03 4.1126 0.3.446 0.3.5416 0.3.5		10	9.138E	43.91	-772E	-				-1.0176-0
22.700 47.4 9.077E-01 44.45 1.777E 0 -4.415E-03 4.111F 0 1.371E-03 4.110F 0		58	9.066E	44.09	.772E	-3.763E-03	900	344E	5.4CIE 01	147F
22.300 664 9.160F-01 44.40 1.772 00 -3.407F-03 4.155 02 1.391 03 5.401 01 -1.038F-02 5.500 104.0 9.168F-01 44.0 1.772 00 -4.23F-03 4.162 02 1.341 02 5.401 01 -1.299F-03 4.162 02 1.341 02 1.341 03 5.401 01 -1.299F-03 4.162 02 1.341 02 1.341 03 5.401 01 -1.299F-03 4.162 02 1.341 02 1.341 03 5.401 01 -1.299F-03 4.162 02 1.341 02 1.341 03 5.401 01 -1.299F-03 4.162 02 1.341 02 1.341 03 5.401 01 -1.299F-03 4.162 03 5.402		+1	9.077E	44.25	.771E	4.615E-03	-	349E	5.399E 01	1.407E-0
22.400 85.4 9.217E-01 44.64 1.774E 0.4757E-03 4.181E 0.2 1.334E 0.3 5.401E 0.1 1.257E-03 4.181E 0.2 1.346E 0.3 5.401E 0.1 1.257E-03 4.181E 0.2 1.374E 0.3 1.344E 0.3 1.344E 0.3 1.344E 0.3 1.344E 0.3 1.344E <			9.160F	44.40	.772E	-3.407E-03		3536	5.400E OL	-1.038E-0
22.500 114.0 9.193E-01 44.02 1.774E 00 -4.156E-03 4.156E 02 1.336E 03 5.401E 01 -1.059E-02 1.371E 00 1.773E 00 -4.156E 02 1.371E 03 5.401E 01 -3.401E 01 -3.401E 01 5.401E 02 1.371E 02 1.471E 03 5.401E 01 1.571E 03 5.401E 01 1.			9.217E-	44.64	ш	1.5735-03		36 1E	5.4076 01	4.793E-0
22.600 121.5 9.198E-01 45.00 1.7736 -6.117E-03 4.1766 02.1376 03.5495 01.198E-03 4.1626 02.1376 03.5495 03.5495 03.5496 01.1986 03.5496 <td></td> <td></td> <td>9.163E-</td> <td>44.82</td> <td>.774E</td> <td>-4-258E-03</td> <td></td> <td>366E</td> <td>5.408E 01</td> <td>1.298E-</td>			9.163E-	44.82	.774E	-4-258E-03		366E	5.408E 01	1.298E-
22.700 140.1 9.175E-01 45.16 1.775E CO 3.507E-03 4.165E CO 1.337E CO 5.401E D1 0.006E- 22.700 1954 9.156E-01 45.51 1.772E CO 2.467E-03 4.151E CO 1.337E CO 1.337E CO 1.376E D1 0.006E- 23.000 1954 9.156E-01 45.61 1.772E CO 2.467E-03 4.151E CO 1.377E CO 2.137E CO 1.402E CO 1.404E CO 1.404			9.193E-	45.00	.773E	-6.117E-03		3726		65F
22.600 156.3 9.181E-01 45.33 1.772E 0.1.038E-03 4.165E 02 1.392E 03 5.401E 01 -3.166E-01 4.551 1.777E 0.1.038E-03 4.150E 02 1.392E 03 5.401E 01 -3.166E-01 4.551 1.777E 0.1.26F-03 4.150E 02 1.392E 03 5.401E 01 -3.902E 03 -3.902E <td></td> <td></td> <td>9.175E-</td> <td>45.16</td> <td>.773E</td> <td>3.507E-03</td> <td></td> <td>3776</td> <td></td> <td>-369E-</td>			9.175E-	45.16	.773E	3.507E-03		3776		-369E-
22.900 1766 9.152E-01 45.51 1.772E 00 2.647E-03 4.151E 02 1.397E 03 5.401E 01 -3.792E 22.1000 2336 9.152E-01 45.66 1.777E 00 -5.647E-03 4.135E 02 1.397E 03 5.401E 01 -3.792E 22.200 2336 9.127E-01 46.01 1.772E 00 -5.647E-03 4.135E 02 1.402E 03 5.401E 01 1.093E-1.23.300 250.3 9.022E-01 46.17 1.770E 00 -5.647E-03 4.135E 02 1.402E 03 5.396E 01 1.093E-1.23.500 287.5 9.102E-01 46.49 1.770E 00 -5.647E-03 4.135E 02 1.412E 03 5.396E 01 1.093E-1.23.500 287.5 9.102E-01 46.49 1.770E 00 -5.647E-03 4.135E 02 1.412E 03 5.396E 01 1.531E-1.23.500 24.29 9.102E-01 46.49 1.770E 00 -5.552E-03 4.135E 02 1.422E 03 5.395E 01 1.503E-1.23.500 24.29 9.102E-01 46.49 1.770E 00 -5.552E-03 4.135E 02 1.422E 03 5.395E 01 1.503E-1.23.500 24.29 8.992E-01 46.49 1.770E 00 -5.552E-03 4.135E 02 1.432E 03 5.395E 01 1.503E-1.23.500 24.29 8.992E-01 46.49 1.770E 00 -5.552E-03 4.135E 02 1.432E 03 5.395E 01 1.503E-1.23.500 24.29 8.992E-01 47.24 1.770E 00 -5.552E-03 4.135E 02 1.432E 03 5.395E 01 1.503E-1.23.500 24.29 8.992E-01 47.74 1.770E 00 -5.552E-03 4.146E 02 1.432E 03 5.403E 01 1.503E-1.23.500 24.29 8.992E-01 47.77 1.770E 00 -2.322E-03 4.135E 02 1.446E 03 5.403E 01 1.503E-1.23.500 24.29 8.992E-01 47.77 1.772E 00 -1.044E 02 1.446E 03 5.403E 01 1.503E-1.23.500 24.200 10.492E-01 47.77 1.772E 00 -1.044E 03 4.135E 02 1.446E 03 5.403E 01 1.503E-1.23.500 14.13 8.940E-01 48.48 1.772E 00 -1.044E-03 4.135E 02 1.446E 03 5.403E 01 1.503E-1.23.500 14.13 8.940E-01 48.89 1.772E 00 -1.044E-03 4.135E 02 1.446E 03 5.403E 01 1.503E-1.23.500 14.13 8.933E-01 48.89 1.772E 00 -1.044E-03 4.135E 02 1.446E 03 5.403E 01 1.503E-1.23.500 14.41 8.93 1.772E 00 -1.044E-03 4.134E 03 5.403E 01 1.503E-1.23.500 1.503E-03 4.134E-03 5.403E 01 1.503E-1.23.500 1.503E-03 4.134E-03 5.403E 01 1.503E-1.23.500 1.			9.181E-	45.33	.772E	-1.038E-03		382E	5-401E 01	-3-166E-0
23.000 195.4 9.150E-01 45.66 1.772E 0 -1.24E-03 4.150E 0 1.372E 0 -3.24E-03 4.135E 0 1.372E 0 -3.56E-03 4.135E 0 1.372E 0 -3.56E-03 4.135E 0 1.372E 0 -3.56E-04 4.135E 0 1.376E 0 -3.45F-03 4.135E 0 1.376E 0 -3.45F-03 4.135E 0 1.376E 0 -3.45F-03 4.135E 0 1.476E 0 -3.45FE 0 -1.376E 0 -1.376E 0 -3.45FE 0 -1.476E 0 -1.476E <td></td> <td></td> <td>9.1525-</td> <td>45.51</td> <td></td> <td>2.647E-03</td> <td></td> <td>3876</td> <td>5.401E 01</td> <td>1890</td>			9.1525-	45.51		2.647E-03		3876	5.401E 01	1890
23.100 213.6 9.1125-01 45.83 1.772E 00 -5.50.E-03 4.135E 02 1.402E 03 5.400E 01 1.597E 23.500 231.6 9.1125-01 46.01 1.770E 00 -3.50.E-03 4.135E 02 1.402E 03 5.396E 01 1.599E 01 2.503E 23.500 287.3 9.203E-01 46.33 1.770E 00 3.782E-03 4.135E 02 1.412E 03 5.396E 01 1.599E 01 2.503E 23.500 287.5 9.022E-01 46.49 1.770E 00 3.782E-03 4.135E 02 1.412E 03 5.396E 01 1.597E 23.500 287.6 9.022E-01 46.49 1.770E 00 -5.511E-04 4.155E 02 1.422E 03 5.396E 01 1.597E 23.500 342.9 8.992E-01 46.69 1.770E 00 -5.511E-04 4.155E 02 1.422E 03 5.396E 01 1.597E 23.500 342.9 8.992E-01 46.59 1.770E 00 -5.511E-04 4.166E 02 1.432E 03 5.396E 01 1.597E 23.500 342.9 8.992E-01 47.18 1.770E 00 -5.511E-04 4.166E 02 1.432E 03 5.396E 01 1.597E 24.500 342.9 8.992E-01 47.18 1.770E 00 -5.312E-03 4.166E 02 1.432E 03 5.396E 01 1.597E 24.500 34.1.9 8.962E-01 47.18 1.770E 00 2.722E-03 4.166E 02 1.436E 03 5.401E 01 1.507E 24.500 34.1 9.277E-01 47.1 1.770E 00 2.722E-03 4.166E 02 1.436E 03 5.401E 01 1.597E 24.500 104.5 9.277E-01 47.1 1.770E 00 2.722E-03 4.166E 02 1.436E 03 5.401E 01 1.597E 24.500 104.5 9.240E-01 47.95 1.772E 00 -5.316E-03 4.176E 03 5.401E 01 1.597E 24.500 104.5 9.240E-01 47.95 1.772E 00 -1.246E-03 4.176E 03 5.401E 01 1.993E 24.500 104.5 9.319E-01 40.83 1.772E 00 -1.246E-03 4.246E 03 5.401E 01 1.993E 24.500 104.5 9.319E-01 40.83 1.772E 00 -1.246E-03 4.246E 03 5.401E 01 1.993E 24.500 117.1 9.319E-01 40.83 1.772E 00 -5.245E-03 4.246E 03 5.401E 01 1.993E 24.500 117.1 9.319E-01 40.83 1.772E 00 -6.246E-03 4.246E 03 5.401E 01 1.993E 25.500 123.0 4.246E 03 5.401E 01 1.274E 03 5.40			9.150E-	45.66		-1-244E-03		392E		-3.792E-0
23.200 231.6 \$\text{5.117E} \text{5.117E} \text{5.117E} \text{5.120E} \text{5.135E} \text{6.12} \text{1.771E} \text{6.00} \text{5.137E} \text{6.17} \text{6.177E} \text{6.00} \text{5.137E} \text{6.177E} \text{6.01} \text{5.137E} \text{6.177E} \text{6.01} \text{5.137E} \text{6.177E} \text{6.01} \text{5.137E} \text{6.02} \text{6.177E} \text{6.02} \text{5.376E} \text{6.01} \text{6.13} \text{6.177E} \text{6.02} \text{5.376E} \text{6.01} \text{6.13} \text{6.177E} \text{6.02} 6.177E			9,1125-	45.83	.772E			3676	S.400E 01	-1.697E-0
23.300 296.3 9.203E-01 46.17 1.770E 00 -3.457E-03 4.115E 02 1.412E 03 5.396E 01 -1.094E 23.500 269.0 9.080E-01 46.49 1.770E 00 -4.946E-03 4.135E 02 1.412E 03 5.396E 01 -1.094E 23.500 305.8 9.160E-01 46.46 1.770E 00 -4.946E-03 4.155E 02 1.422E 03 5.396E 01 -1.607E 23.600 305.8 9.160E-01 46.48 1.770E 00 -5.51E-04 4.075E 02 1.422E 03 5.396E 01 -1.607E 23.700 324.0 9.250E-01 46.48 1.770E 00 -5.51E-04 4.076E 02 1.43E 03 1.227E 24.000 11.4 1.772E 00 -2.722E-03 4.146E 03 5.40E 03 -5.40E 03 -5.40E 03 -5.22E 03 -6.25E <td></td> <td></td> <td>9.117E-</td> <td>46.01</td> <td>.771E</td> <td>8.210E-04</td> <td></td> <td>402E</td> <td></td> <td>2.503E-0</td>			9.117E-	46.01	.771E	8.210E-04		402E		2.503E-0
23.400 269.0 9.080E-01 46.33 1.770E 00 3.782E-03 4.119E 02 1.417E 03 5.396E 01 1.507E 0.596E-04 4.092E 02 1.422E 03 5.395E 01 1.507E 03 5.395E 01 1.507E 03 5.395E 01 1.507E 03 5.395E 01 1.507E 03 1.432E 03 5.395E 01 1.507E 03 1.432E 03 5.395E 01 1.606E 03			9.203E-	46.17	.770E	-3.457E-03	100	467E		1.054E-
23.500 287.5 9.022E-01 46.49 1.770E 00 6.596E-04 4.092E 02 1.417E 03 5.395E 01 1.507E- 23.500 325.6 9.160E-01 46.66 1.770E 00 -4.946E-03 4.155E 02 1.422E 03 5.395E 01 -1.607E- 23.500 324.0 9.256E-01 46.98 1.770E 00 -5.511E-04 4.156E 02 1.427E 03 5.395E 01 -1.607E- 23.500 342.9 8.902E-01 46.98 1.770E 00 -5.552E-03 4.075E 02 1.432E 03 5.393E 01 -1.692E- 23.500 241.2 8.901E-01 47.18 1.770E 00 -5.552E-03 4.166E 02 1.436E 03 5.395E 01 -1.692E- 24.000 11.4 9.156E-01 47.4 1.772E 00 -5.515E-03 4.166E 02 1.436E 03 5.401E 01 1.222E- 24.200 48.6 9.076E-01 47.7 1.772E 00 -2.352E-03 4.166E 02 1.496E 03 5.401E 01 -7.160E- 24.500 67.2 8.922E-01 47.7 1.772E 00 -2.352E-03 4.166E 02 1.496E 03 5.401E 01 -7.160E- 24.500 12.4 9.156E-01 47.7 1.772E 00 -1.024E-03 4.165E 02 1.496E 03 5.401E 01 -7.160E- 24.500 12.4 9.156E-01 47.7 1.772E 00 -1.024E-03 4.166E 02 1.496E 03 5.401E 01 -7.160E- 24.500 12.3 9.156E-01 48.3 1.772E 00 -1.246E-03 4.166E 02 1.493E 03 5.401E 01 -7.190E- 24.500 12.3 9.039E-01 48.9 1.772E 00 -2.215E-03 4.160E 02 1.493E 03 5.401E 01 -7.190E- 24.500 12.3 9.039E-01 48.9 1.772E 00 -1.246E-03 4.156E 02 1.493E 03 5.401E 01 -7.190E- 25.500 196.7 9.203E-01 49.9 1.772E 00 -6.546E-02 4.174E 03 5.393E 01 -1.904E- 25.500 25.2 1.003E 01 -9.47 1.684E 00 -7.571E-01 4.373E 02 1.477E 03 5.393E 01 -1.190E- 25.500 25.2 1.003E 00 49.47 1.684E 00 -1.377E 00 1.377E 00 1.477E 03 5.393E 01 1.477E 03 5.392E 01 1.477E 03 5.3			9.080E-	46.33		3.782E-03		12E	3	1.1536-0
23.600 305.8 9.160E-01 46.66 1.770E 00 -4.946E-03 4.155E 02 1.422E 03 5.395E 01 -1.60GE-02 2.156E 02 1.427E 03 5.395E 01 -1.60GE-02 2.156E 02 1.427E 03 5.395E 01 -1.60GE-02 2.156E 02 1.436E 03 5.394E 01 -1.60GE-02 2.476E 03 5.476E 03 5.476E 03 5.394E 01 -1.60GE-02 2.476E 03 5.476E 03 5.476E 03 5.476E 03 5.476E 03 5.476E 03 5.407E 03 5.476E 03 5.407E 03 <t< td=""><td></td><td></td><td>9.022E-</td><td>46.49</td><td></td><td>6.596E-04</td><td>092E</td><td>176</td><td>•</td><td>2.0116-0</td></t<>			9.022E-	46.49		6.596E-04	092E	176	•	2.0116-0
23.700 324.0 9.250E-01 46.83 1.770E 00 -5.551E-04 4.156E 02 1.427E 03 5.394E 01 -1.690E-23.900 241.3 9.922E-01 46.98 1.770E 00 -5.552E-03 4.079E 02 1.432E 03 5.393E 01 -1.692E-22.900 241.3 9.922E-01 47.44 1.770E 00 4.008E-04 4.166E 02 1.444E 03 5.394E 01 1.222E-22.900 11.4 5.139E-01 47.44 1.772E 00 4.135E-03 4.185E 02 1.454E 03 5.401E 01 7.108E-02 4.186E 03 5.401E 01 7.108E-03 4.186E-03 4.186E 03 5.401E 01 7.108E-03 4.186E-03 4.186E 03 5.401E 01 7.108E-03 6.186E-03 5.401E 01 7.108E-03 6.186E-03 6.186E-03 6.186E-03 6.186E-03 5.401E 01 7.108E-03 6.186E-03 6.186E	23.		-3091.6	46.66		-4.946E-03	155E	22E	5.395E 01	-1.507F-0
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24.200 48.6 9.076E-01 47.77 1.772E 00 2.371E-03 4.117E 02 1.454E 03 5.402E 01 7.220E- 24.300 67.3 8.902E-01 47.95 1.772E 00 -5.116E-03 4.074E 02 1.467E 03 5.404E 01 -1.599E- 24.500 104.9 9.154C-01 48.32 1.773E 00 -1.024E-03 4.151E 02 1.467E 03 5.404E 01 -3.122E- 24.500 104.9 9.24CE-01 48.48 1.772E 00 -1.247E-03 4.154E 02 1.478E 03 5.404E 01 3.909E- 24.500 123.0 9.034E-01 48.48 1.772E 00 -2.215E-03 4.050E 02 1.478E 03 5.401E 01 3.919E- 24.600 159.7 9.315E-01 48.93 1.772E 00 -1.147E-03 4.224E 02 1.478E 03 5.401E 01 -3.495E- 24.600 178.1 9.346-01 49.93 1.772E 00 -1.147E-03 4.234E 02 1.479E 03 5.393E 01 -1.904E 25.000 196.7 9.203E-01 49.13 1.770E 00 -6.246E-02 4.174E 02 1.477E 03 5.393E 01 -1.904E 25.000 233.2 1.003E 00 49.47 1.584E 00 -7.571E-01 4.575E 02 1.513E 01 -2.307E 25.200 233.2 1.054E 00 49.64 1.584E 00 -1.375E 00 1.513E 01 -2.307E	24.		9.227E-	19.74		-2,352E-03				-7.168E-0
24.300 67.2 8.982E-01 47.95 1.772E 00 -5.116E-03 4.152E 02 1.462E 03 5.400E 01 -1.599E- 24.500 86.1 9.154E-01 48.12 1.773E 00 -1.024E-03 4.152E 02 1.467E 03 5.400E 01 -3.122E- 24.500 123-0 9.034E-01 48.48 1.772E 00 -2.215E-03 4.058E 02 1.473E 03 5.401E 01 -4.753E- 24.600 123-0 9.034E-01 48.65 1.772E 00 -2.215E-03 4.058E 02 1.478E 03 5.401E 01 -4.753E- 24.600 123-0 9.034E-01 48.63 1.772E 00 -5.546E-03 4.224E 02 1.483E 03 5.402E 01 -1.995E- 24.900 178-1 9.334E-01 48.98 1.772E 00 -6.246E-02 4.174E 02 1.493E 03 5.402E 01 -3.495E- 25.000 196-7 9.234E-01 49.29 1.772E 00 -4.246E-02 4.174E 02 1.493E 03 5.393E 01 -1.904E 25.200 233-2 1.004E 00 49.64 1.584E 00 -1.375E 00 1.578E 00 1.578E 00 -4.551E 02 1.513E 01 -2.307E 25.300 233-2 1.004E 00 49.64 1.584E 00 -1.375E 00 1.578E 02 1.513E 01 -2.307E	24.		9.076E-	47.77		2.371E-03			5.402E 01	7.228E-0
24.400 86.1 9.154E-01 48.12 1.773E 00 -1.024E-03 4.152E 02 1.467E 03 5.404E 01 -3.122E- 24.500 104.5 9.240E-01 48.32 1.774E 00 1.247E-03 4.151E 02 1.473E 03 5.404E 01 3.800E- 24.600 123.0 9.034E-01 48.48 1.772E 00 -2.215E-03 4.100E 02 1.483E 03 5.403E 01 3.919E- 24.700 141.3 9.039E-01 48.65 1.773E 00 1.286E-03 4.100E 02 1.483E 03 5.403E 01 3.919E- 24.900 178.1 9.339E-01 48.83 1.772E 00 -6.546E-03 4.224E 02 1.493E 03 5.403E 01 -3.495E- 25.000 196.7 9.239E-01 48.98 1.772E 00 -6.246E-02 4.174E 02 1.493E 03 5.393E 01 -1.904E 25.000 196.7 9.203E-01 49.29 1.775E 00 -4.246E-02 4.174E 02 1.493E 03 5.393E 01 -1.904E 25.200 233.2 1.003E 00 49.47 1.584E 00 -7.787E 00 1.375E 02 1.513E 01 -2.307E 25.300 233.2 1.003E 00 49.64 1.584E 00 -1.375E 00 1.375E 02 1.513E 01 -2.307E	24.		8.982E-	47.95		-5.116E-03	0		400E	-1.559E-0
24.500 104.9 9.240E-01 48.32 1.775E 00 1.247E-03 4.151E 02 1.473E 03 5.406E 01 3.000E- 24.600 123.0 9.034E-01 48.48 1.772E 00 -2.215E-03 4.058E 02 1.403E 03 5.401E 01 -5.735E- 24.700 141.3 9.039E-01 48.65 1.772E 00 -5.246E-03 4.224E 02 1.403E 03 5.402E 01 -1.995E- 24.900 159.7 9.235E-01 48.98 1.772E 00 -6.546E-02 4.274E 02 1.493E 03 5.402E 01 -3.495E- 25.000 196.7 9.203E-01 49.13 1.770E 00 -6.246E-02 4.174E 02 1.477E 03 5.393E 01 -1.904E 25.000 233.2 1.003E 00 49.47 1.584E 00 -7.570E-01 4.551E 02 1.513E 01 -2.307E 25.200 233.2 1.003E 00 49.64 1.584E 00 -1.375E 00 1.375E 02 1.513E 01 -2.307E	24.		9.154E-	48.12		-1.024E-03	0		5.404E 01	-3.122F-0
24.600 123.0 9.034E-01 48.48 1.772E 00 -2.215E-03 4.058E 02 1.478E 03 5.401E 01 -4.753E- 24.700 141.3 9.039E-01 48.65 1.772E 00 1.286E-03 4.100E 02 1.483E 03 5.403E 01 3.919E- 24.600 159.7 9.313E-01 48.93 1.772E 00 -6.246E-03 4.234E 02 1.493E 03 5.402E 01 -1.995E- 25.000 196.7 9.203E-01 48.93 1.770E 00 -6.246E-02 4.174E 02 1.477E 03 5.393E 01 -1.904E- 25.000 196.7 9.203E-01 49.13 1.770E 00 -6.246E-02 4.174E 02 1.477E 03 5.393E 01 -1.904E- 25.000 233.2 1.003E 00 49.47 1.684E 00 -7.570E-01 4.575E 02 1.513E 03 5.402E 01 -2.307E-03 6.246E-03 6.	24.		9.240E-	48.32	-774E	1.2476-03	0		5.406E 01	3.800E-0
24.700 141.3 9.039F-01 48.65 1.773E 00 1.286E-03 4.100E 02 1.483E 03 5.403E 01 3.919E- 24.600 159.7 9.313E-01 48.83 1.772E 00 -6.546E-03 4.224E 02 1.493E 03 5.402E 01 -1.995E- 25.000 178.1 9.335E-01 49.13 1.770E 00 -1.147E-03 4.234E 02 1.493E 03 5.400E 01 -3.493E 25.100 215.1 9.647E-01 49.29 1.770E 00 -6.246E-02 4.174E 02 1.493E 03 5.319E 01 -1.904E 25.200 215.1 9.647E-01 49.29 1.775E 00 -7.570E-01 4.551E 02 1.560E 03 5.319E 01 -1.2307E 25.200 223.2 1.045E 00 49.64 1.584E 00 -7.370E-01 4.551E 02 1.513E 03 4.628E 01 -4.192E	24.		9.034E-	48.48		-2.215E-03	0		5.4016 01	-6.753F-0
24.800 159.7 9.313E-01 48.83 1.772E 00 -6.546E-03 4.224E 02 1.48EE 03 5.402E 01 -1.995E-24.900 178.1 9.334E-01 48.98 1.772E 00 -1.147E-03 4.234E 02 1.493E 03 5.400E 01 -3.495E-25.000 196.7 9.203E-01 49.13 1.770E 00 -6.246E-02 4.174E 02 1.497E 03 5.393E 01 -1.904E 25.100 215.1 9.647E-01 49.29 1.775E 00 -4.181E-01 4.571E 02 1.502E 03 5.319E 01 -1.204E 25.200 233.2 1.003E 00 49.47 1.604E 00 -7.570E-01 4.551E 02 1.560E 03 5.313E 01 -2.307E 25.200 252.2 1.046 00 49.64 1.584E 00 -7.375F 00 1.785E 00 1.513E 01 -4.182E 01 -4.182E	24.		9.039E-	48.65		1.286E-03	0		5.403E 01	3.919E-0
24.900 178.1 9.334E-01 48.98 1.772E 00 -1.147E-03 4.234E 02 1.493E 03 5.400E 01 -3.495E-25.000 196.7 9.203E-01 49.13 1.770E 00 -6.246E-02 4.174E 02 1.477E 03 5.393E 01 -1.904E 25.100 215.1 9.647E-01 49.29 1.745E 00 -4.181E-01 4.373E 02 1.502E 03 5.319E 01 -1.274E 25.200 233.2 1.003E 00 49.47 1.684E 00 -7.570E-01 4.551E 02 1.513E 03 5.3132E 01 -2.307E 25.200 252.2 1.054E 00 49.44 1.584E 00 -1.375F 00 4.785? 00 1.513E 03 4.628E 03 4.628E 01 -4.192E	24.		9.313E-	48.83		-6.546E-03	0			-3566
25.000 196.7 9.203E-01 49.13 1.770E 00 -6.246E-02 4.174E 02 1.447E 03 5.393E 01 -1.904E 25.100 215.1 9.641E-01 49.29 1.745E 00 -4.181E-01 4.373E 02 1.502E 03 5.319E 01 -1.274E 25.200 233.2 1.003E 00 49.44 1.684E 00 -7.570E-01 4.787E 02 1.513E 01 4.878E 01 -2.307E 25.300 252.2 1.054E 00 49.44 1.584E 00 -1.375E 00 1.787E 00 1.513E 01 -4.182E	24.		9.334E-	48.98	.772E		0		5.400E 01	195E
25.100 215.1 9.641E-01 49.29 1.745E 00 -4.181E-01 4.373E 02 1.502E 03 5.319E 01 25.200 233.2 1.003E 00 49.47 1.684E 00 -7.570E-01 4.551E 02 1.568E 03 5.132E 01 25.300 252.2 1.054E 00 49.64 1.584E 00 -1.375E 00 4.782F 02 1.513E 03 4.824E 01	25.		9.203E-		-770E	-6.246F-02	0		5.3936 01	100E
25.200 233.2 1.003E 00 49.47 1.684E 00 -7.570E-01 4.551E 02 1.568E 03 5.132E 01 25.300 252.2 1.054E 00 49.64 1.584E 00 -1.375E 00 4.782E 02 1.513E 03 4.824E 01	25.		9.641E-	49.29			0		5.3196 01	-1.274E 0
25,300 252,2 1,054F 00 49,64 1,584F 00 -1,379F 00 4,787F 02 1,513F 03 4,828F 01	25.		1.003E		9489	100	0	3636	5.1326 01	-2.307E 0
	25.						•		-	

EXPERIMENTAL CATA

25.500 290.1 1.31E 10 4.9 1 5.42E 1.213E 10 5.95E 12 1.31E 10 5.95E 1.31E 1.31E 10 5.95E 1.31E	RCDR	RUN	OSCL.	TENSTON	LENGTH	GTH VELOCITY	ACCEL.	TENSICN	LENGTH	TH VELOCITY	ACCEL.
25-500 290.1 1.312E 00 49.81 5.426E-01 -2.131E 00 5.951E 02 1.51EE 01 2.5500 200.1 1.312E 01 49.85 1.006E-02 1.6122E-01 5.551E 02 1.551E 02 2.5500 200.1 1.312E 01 49.85 1.006E-02 1.6122E-01 5.551E-02 1.551E-02 1.521E-03 1.521E	SEC	SEC	DEG	1.65	FT	FT/SEC	FT/SEC/SEC	GRAP	3	CW/SEC	CM/SEC/SEC
25,400 308.1 7.8796-01 49.48 -1.0466-01 -2.1376 00 2.5460 1.5476-01 -2.5476 0.5476-01 -2.5476 0.5576-01 -2.5476 0.5576-01 -2.5476 0.5576	009.	25.500	290-1	1.312E 00		126	2.133E	9536		1-654E 01	
25.700 346.4 6.740E-01 49.82 -6.01E-02 1.6.27E 00 2.657E 02 1.519E 01 1.03.5 00 346.4 6.15.5 0 4.15.5	. 700	25.600	308.1	7.879E-01	49.85	1.066E-01	2.135€	574E		3.251E 00	
25.800 200.2 1.235 0.0 49.8 4.0 49.94 0.2 1.612 0.0 1.5176 0.0 1.5176 0.0 1.5176 0.0 1.525.00 200.2 1.5176 0.0 49.8 4.0 49.6 0.0 1.525 0	.800	25.700	327.4	6.540E-01	49.82	-6.613E-02	-1.237E 00	3678		-2.016E 00	•
25.00 200.3 1.23E 00 49.9 45.00F-0.2 2.199F-01 5.546 02 1.5156 03 1.22	006.	25.800	346.6	9.755E-01	49.78	-8.094E-02	1.612F-01	425E		-2.467E 00	
1.5 1.0046	0000	25.900	2007	1.233E 00		-5.045E-02	3.426E-01	346S		-1.538E 00	
0.0 37.2 6.046-01 49.92 -4.946E-02 7.86E-02 3.786E 02 1.152E 03 0.0 69.6 1.066E 00 49.75 -4.956E-03 -2.40E-02 4.975 02 1.151E 03 0.0 106.0 9.48E-01 49.87 -6.79E-03 -2.40E-02 4.975 02 1.151E 03 0.0 106.0 9.48E-01 49.82 -6.46E-03 -6.46E-03 1.151E 03 1.1	.100	0.0	13.5	1.074E 00		-2.200E-02	2.199E-01	971B		-6.704E-01	
0.0 69.4 1.0666 00 49.5 -4.9566-03 -24016-02 1.5195 02 1.5195 02 1.0666 00 49.5 -4.9566-03 -24016-02 1.5195 02 1.5195 03 1.0666 10 49.62 -1.0056-02 -4.0066-02 4.0076 02 1.5195 03 1.0666 10 49.62 -1.0056-02 -4.0066-03 4.0076 02 1.5195 03 1.0666 10 49.62 -1.0056-02 -4.0066-03 4.0076 02 1.5195 03 1.0666 10 49.62 -1.0056-02 -4.0066-03 4.0076 02 1.5195 03 1.0666 10 49.62 -1.0056-02 -4.0066-03 4.0076 02 1.5195 03 1.0666 10 49.62 -1.0056-02 -4.0066-03 4.0076 02 1.5195 03 1.0666 10 49.62 -1.0056-02 -4.0066-03 4.0076 02 1.5195 03 1.0666 10 49.62 -1.0066-02 -4.0066-03 4.0076 02 1.5195 03 1.0666 10 49.79 -4.0066-02 -4.0066-03 4.0076 02 1.5195 03 1.0666 10 49.79 -4.0066-03 -4.0066-03 4.0076 02 1.5195 03 1.0666 10 49.79 -4.0066-03 -4.0066-03 4.0076 02 1.5195 10 10 10 10 49.79 -4.0066-03 -4.0066-03 4.0076 02 1.5195 10 10 10 10 10 10 10 10 10 10 10 10 10	.200	0.0	32.2	8.064E-01		-9.414E-03	7.868E-02	658E	5.	-2.869E-01	
0.0 69.6 1.026E	.300	0.0	50.9	8.366E-01	49.82	-4.956E-03	6.485E-04			-1.5116-01	
10.0 10.0	004	0.0	9.69	1.066F 00	49.79	-6.793F-03	-2.401F-02			-2.070E-01	•
10.00 1.00.00 0.4000 0.00 0	200	0.0	88.2	1.122E 00	49.65	-8.561E-03	-2.121E-02			-2.669F-01	
12:1 0.540E-01 49.82 -1.005E-02 -4.40E-03 3.814E 02 1.518E 03 00 01 02 02 02 02 02 02	009	0.0	106.8	9.488E-01	49.82	-9.903E-03	-1.258F-02			-3.018F-01	
143.6 9.715E-01 40.82	700	0.0	125.1	8.540F-01	49.87	-1.005F-02	-6-460E-03			-3.046F-01	'
162.4 1.009E 00 40.81 -1.040E-02 -1.405E-03 4.409E 02 1.518E 03 03 03 03 03 04 04 04	800	0.0	143.6	9.715F-01	49.82	-1.000F-02	-4.030F-03			-3.048E-01	
0.0 139.5 1.024E 00 49.80 -9.258E-03 -1432E-03 4.020E 02 1.518E 03 0.0 139.5 9.265E-01 49.78 -9.578E-03 -1518E-03 4.020E 02 1.518E 03 0.0 236.8 1.035E 00 49.80 -9.455E-03 -1518E-03 4.020E 02 1.518E 03 0.0 236.8 1.035E 00 49.79 -9.725E-03 -3.666E-03 4.059E 02 1.518E 03 0.0 236.8 1.04 9.77 -9.455E-03 -3.666E-03 4.045E 02 1.518E 03 0.0 236.8 1.020E 00 49.79 -9.725E-03 -3.618E-03 4.026E 02 1.518E 03 0.0 236.7 1.020E 00 49.77 -9.435E-03 -2.513E-03 4.046E 02 1.518E 03 0.0 236.7 1.020E 00 49.77 -9.435E-03 -2.446E-03 4.041E 02 1.518E 03 0.0 236.7 1.020E 00 49.77 -9.435E-03 -2.446E-03 4.041E 02 1.518E 03 0.0 236.7 1.000E 01 49.77 -9.435E-03 -2.446E-03 4.041E 02 1.518E 03 0.0 236.7 1.000E 01 49.82 -9.638E-03 -2.446E-03 4.041E 02 1.518E 03 0.0 236.8 1.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2	000	0.0	162.4	1.089F 00	40.81	-1-040F-02	-3.40 F-03	9306		-1.1716-01	
0.0 235.8 1.046C-01 49.78 -9.978E-03 -5.086C-03 4.2036 02 1.518E 03 0.00 235.8 1.046C-01 49.79 -9.755C-03 -5.086C-03 4.2036 02 1.518E 03 0.00 235.8 1.046C-01 49.79 -9.725C-03 -3.181E-03 4.205E 02 1.518E 03 0.00 235.8 1.046C-01 49.79 -9.725C-03 -3.181E-03 4.719E 02 1.518E 03 0.00 235.8 1.046C-01 49.77 -9.435C-03 -3.181E-03 4.719E 02 1.518E 03 0.00 331.5 9.185C-01 49.77 -9.435C-03 -3.181E-03 4.719E 02 1.518E 03 0.00 336.5 1.03E 00 49.77 -9.435C-03 -3.181E-03 4.741E 02 1.518E 03 0.00 336.5 1.03E 00 49.77 -9.435C-03 -3.181E-03 4.541E 02 1.518E 03 0.00 35.5 1.018C 04 49.82 -9.645E-03 4.546C-03 4.546E 02 1.518E 03 0.00 35.5 1.018C 04 49.82 -9.647E-03 -3.446C-03 4.546E 02 1.518E 03 0.00 35.5 1.018C 04 49.82 -9.647E-03 -3.446C-03 4.526E 02 1.518E 03 0.00 35.5 1.018C 04 49.82 -9.647E-03 -3.446C-03 4.526E 02 1.518E 03 0.00 35.5 1.018C 04 49.82 -9.647E-03 -3.446C-03 4.526E 02 1.518E 03 0.00 110.2 9.54E-01 49.83 -9.647E-03 -3.446C-03 4.526E 02 1.518E 03 0.00 110.2 9.54E-01 49.83 -9.647E-03 -3.446C-03 4.526E 02 1.518E 03 0.00 110.2 9.54E-01 49.83 -9.647E-03 -3.446E-03 4.526E 02 1.518E 03 0.00 110.2 9.54E-01 49.83 -9.647E-03 -3.546C-03 4.546E 02 1.518E 03 0.00 110.2 9.54E-01 49.83 -9.647E-03 -3.546C-03 4.546E 02 1.518E 03 0.00 110.2 9.54E-01 49.83 -9.647E-03 -3.546C-03 4.546E 02 1.518E 03 0.00 110.2 9.54E-01 49.83 -9.647E-03 -3.546C-03 4.546E 02 1.518E 03 0.00 110.2 9.54E-01 49.81 -9.645E-03 -3.446E 02 1.518E 03 0.00 110.2 9.54E-01 49.81 -9.645E-03 -3.446E 02 1.518E 03 0.00 110.2 9.54E-01 49.81 -9.645E-03 -3.446E 02 1.518E 03 0.00 110.2 9.54E-01 49.81 -9.645E-03 -3.446E 02 1.518E 03 0.00 110.2 9.54E-01 49.81 -9.645E-03 -3.446E 02 1.518E 03 0.00 110.2 9.54E-01 49.81 -9.645E-03 -3.446E 02 1.518E 03 0.00 110.2 9.54E-01 49.81 -9.645E-03 -3.446E 02 1.518E 03 0.00 110.2 9.54E-01 49.81 -9.645E-03 -3.446E 02 1.518E 03 0.00 110.2 9.54E-01 49.81 -9.645E-03 -3.446E 03 1.518E 03 0.00 110.2 9.54E-03 -3.446E-03 -3.446E-	000	0.0	181.3	1.0245 00	40.80	-C. 258F-03	-3.4326-03	44.36		-2 8226-01	
236.8 1.0356.00 49.70 -9.753E-03 -3.668E-03 4.036 02 1.518E 03 0.0 236.8 1.0356.00 49.70 -9.753E-03 -3.668E-03 4.036 02 1.518E 03 0.0 236.8 1.0356.00 49.70 -9.755E-03 -3.668E-03 4.036 02 1.518E 03 0.0 236.8 1.0356.00 49.70 -9.745E-03 -3.518E-03 4.046E 02 1.518E 03 0.0 236.4 9.16E-01 49.77 -9.495E-03 -3.518E-03 4.046E 02 1.518E 03 0.0 330.5 1.028E 00 49.76 -9.338E-03 -2.446E-03 4.046E 02 1.518E 03 0.0 336.7 9.756E-01 49.77 -9.495E-03 -2.446E-03 4.046E 02 1.518E 03 0.0 336.7 9.756E-01 49.77 -9.495E-03 -2.446E-03 4.046E 02 1.518E 03 0.0 136.4 9.26E-01 49.77 -9.495E-03 -3.727E-03 4.046E 02 1.518E 03 0.0 136.5 9.26E-01 49.83 -9.660E-03 -3.727E-03 4.246E 02 1.518E 03 0.0 136.5 9.26E-01 49.83 -9.660E-03 -3.727E-03 4.246E 02 1.518E 03 0.0 110.2 9.26E-01 49.83 -9.660E-03 4.266E-03 4.266E 02 1.518E 03 0.0 110.2 9.26E-01 49.83 -9.660E-03 4.266E-03 4.266E 02 1.518E 03 0.0 110.2 9.26E-01 49.83 -9.466E-03 4.266E-03 4.266E 02 1.518E 03 0.0 110.2 9.26E-01 49.83 -9.466E-03 4.266E-03 4.266E-03 4.266E 02 1.518E 03 0.0 110.2 9.26E-01 49.83 -9.26E-03 4.266E-03	100	0.0	100.0	C.044F-01	40.78	-0.078E-02	-4-15 SE-03	1036	136	-3 0416-01	
236.0 1000 235.0 1000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	300		216.8	0 2466-01	40 70	-0 7636-03	- 6 ABBE-03	2026		10 212	
255.2 1.000	200		337	10-36070	20.00	0 1886 03	200000	3507.	101	10-36167	'
275.7 275.6 1.000	200		2007	1.0350 00	•	-4.455E-03	-3.00 00-03	1010	1	-2.882E-01	•
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0.0 345.7 9.731E-01 49.74 -9.333E-03 -2.533E-03 4.414E 02 1.516E 03 0.0 136.4 9.268E-01 49.78 -9.313E-03 -3.746E-03 4.547E 02 1.516E 03 0.0 15.5 1.010E 00 49.82 -9.646E-03 -3.446E-03 4.562E 02 1.519E 03 0.0 15.5 1.010E 00 49.82 -9.674E-03 -3.446E-03 4.562E 02 1.519E 03 0.0 172.E 9.56E-01 49.82 -9.674E-03 -2.836E-03 4.562E 02 1.519E 03 0.0 110.2 9.534E-01 49.83 -9.171E-03 4.267E 02 1.519E 03 0.0 110.2 9.567E-01 49.83 -9.171E-03 4.566E-03 4.558E 02 1.519E 03 0.0 110.2 9.567E-01 49.83 -9.203E-03 -4.266E-03 4.558E 02 1.519E 03 0.0 147.1 9.683E-01 49.83 -9.203E-03 -2.881E-03 4.558E 02 1.519E 03 0.0 165.6 9.560E-01 49.83 -9.203E-03 -2.881E-03 4.558E 02 1.519E 03 0.0 165.6 9.560E-01 49.83 -9.203E-03 -2.881E-03 4.558E 02 1.519E 03 0.0 165.6 9.560E-01 49.83 -9.203E-03 -2.881E-03 4.549E 02 1.519E 03 0.0 221.4 9.78E-01 49.81 -1.029E-02 -1.866E-03 4.449E 02 1.519E 03 0.0 277.9 9.776E-01 49.78 -1.025E-02 -1.866E-03 4.449E 02 1.519E 03 0.0 277.9 9.776E-01 49.78 -1.021E-02 -2.696E-03 4.449E 02 1.519E 03 0.0 277.9 9.776E-01 49.76 -1.021E-02 -2.696E-03 4.449E 02 1.510E 03 0.0 277.9 9.707E-01 49.76 -1.021E-02 -2.696E-03 4.449E 02 1.510E 03 0.0 277.9 9.707E-01 49.70 -1.021E-02 -2.696E-03 4.449E 02 1.510E 03 0.0 277.9 9.707E-01 49.70 -1.021E-02 -2.696E-03 4.449E 02 1.510E 03 0.0 277.9 9.707E-01 49.70 -1.021E-02 -2.696E-03 4.449E 02 1.510E 03 0.0 277.9 9.707E-01 49.70 -1.021E-02 -2.696E-03 4.449E 02 1.510E 03 0.0 277.9 9.707E-01 49.70 -1.021E-02 -2.696E-03 4.449E 02 1.510E 03 0.0 277.9 9.707E-01 49.70 -1.021E-02 -2.696E-03 4.449E 02 1.510E 03 0.0 277.9 9.707E-01 49.70 -1.021E-02 -2.696E-03 4.445E 02 1.510E 03 0.0 277.9 9.707E-01 49.70 -1.021E-02 -2.696E-03 4.445E 02 1.510E 03 0.0 277.9 9.707E-01 49.70 -1.021E-02 -2.696E-03 4.445E 02 1.510E 03 0.0 277.9 9.707E-01 49.70 -1.021E-02 -2.696E-03 4.445E 02 1.510E 03 0.0 277.9 9.707E-01 49.70 -1.021E-02 -2.696E-03 4.445E 02 1.510E 03 1.510E 03 0.0 277.9 9.707E-01 49.70 -1.021E-02 -2.696E-03 4.445E 02 1.510E 03 1.510E 03 0.0 277.9 9.707E-01 49.70 -1.021E-02 -2.696E-03 1.510E-03 1.510E 03 1.	900	0.0	330.5	1.028E 00	49.16	-9.643E-03	-2-446E-03	.66 1E	1116	-2.939E-01	
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0.0 54.0 9.926E-01 49.02 -9.674E-03 -2.036E-03 4.502E 02 1.519E 03 0.0 172.E 9.50E-01 49.02 -9.547E-03 -3.771E-03 4.522E 02 1.519E 03 0.0 110.2 9.50E-01 49.03 -9.547E-03 -4.269E-03 4.525E 02 1.519E 03 0.0 110.2 9.50F-01 49.03 -9.203E-03 -4.269E-03 4.550E 02 1.519E 03 0.0 120.7 1.005E 00 49.04 -9.313E-03 -4.269E-03 4.550E 02 1.519E 03 0.0 147.1 9.635E-01 49.03 -9.203E-03 -2.801E-03 4.550E 02 1.519E 03 0.0 165.6 9.560E-01 49.03 -9.203E-03 -2.801E-03 4.550E 02 1.519E 03 0.0 165.6 9.560E-01 49.03 -9.443E-03 -2.811E-03 4.542E 02 1.519E 03 0.0 221.4 9.78E-01 49.03 -9.744E-03 -2.413E-03 4.540E 02 1.519E 03 0.0 221.4 9.78E-01 49.03 -9.744E-03 -2.394E-03 4.440E 02 1.519E 03 0.0 277.9 9.907E-01 49.70 -9.744E-03 -2.394E-03 4.446E 02 1.510E 03 0.0 277.9 9.907E-01 49.70 -9.744E-03 -2.694E-03 4.446E 02 1.510E 03 0.0 277.9 9.907E-01 49.70 -9.744E-03 -2.694E-03 4.446E 02 1.510E 03 0.0 277.9 9.007E-01 49.70 -9.744E-03 -2.694E-03 4.446E 02 1.510E 03 0.0 277.9 9.007E-01 49.70 -9.744E-03 -2.694E-03 4.446E 02 1.510E 03 0.0 277.9 9.007E-01 49.70 -1.018E-02 -2.694E-03 4.446E 02 1.510E 03 0.0 277.9 9.007E-01 49.70 -1.018E-02 -2.694E-03 4.446E 02 1.510E 03 0.0 277.9 9.007E-01 49.70 -1.018E-02 -2.694E-03 4.446E 02 1.510E 03 0.0 277.9 9.007E-01 49.70 -1.018E-02 -2.695E-03 4.445E 02 1.510E 03 0.0 277.9 9.007E-01 49.70 -1.018E-02 -2.995E-03 4.445E 02 1.510E 03 0.0 277.9 9.007E-01 49.70 -1.018E-02 -2.995E-03 4.445E 02 1.510E 03 0.0 277.9 9.007E-01 49.70 -1.018E-02 -2.995E-03 4.445E 02 1.510E 03 1.510E 03 0.0 277.9 9.007E-01 49.70 -1.018E-02 -2.995E-03 4.445E 02 1.510E 03 1.510E 0	. 200	0.0	35.5	1.010E 00		-9.038E-03	-4.200E-03		391S	-2.755E-01	
0.0 72.6 9.450E-01 49.80 -9.547E-03 -3.771E-03 4.227E 0.2 1.518E 03 0.0 110.2 9.334E-01 49.83 -9.139E-03 -4.326 0.2 1.518E 03 0.0 110.2 1.008E-00 49.84 -9.213E-03 -4.166E-03 4.556 0.2 1.518E 03 0.0 147.1 9.682E-01 49.83 -9.203E-03 -4.346 0.2 1.518E 03 0.0 167.6 9.560E-01 49.83 -9.203E-03 -2.811E-03 4.342E 02 1.518E 03 0.0 10.1 49.83 -9.443E-03 -2.811E-03 4.346E 02 1.518E 03 0.0 20.1 49.83 -9.443E-03 -2.811E-03 4.346E 02 1.518E 03 0.0 221.4 9.78E-01 49.81 -1.025E-02 -1.346E 02 1.518E 03 0.0 221.4 9.778E-01 49.76E-03 -2.394E	300	0.0	54.0	9.926E-01		-9.6746-03	-2.836E-03		319E	-2.949E-01	•
0.0 110.2 9.514E-01 49.83 -9.139E-03 -4.720E-03 4.325E 02 1.519E 03 1.00.2 9.687E-01 49.83 -5.637E-03 -4.269E-03 4.530E 02 1.519E 03 0.0 110.2 9.687E-01 49.83 -5.637E-03 -4.269E-03 4.558E 02 1.519E 03 0.0 147.1 9.682E-01 49.83 -9.203E-03 -2.580E-03 4.334E 02 1.519E 03 0.0 185.6 9.560E-01 49.83 -9.203E-03 -2.580E-03 4.345E 02 1.519E 03 0.0 231.4 9.738E-01 49.82 -9.747E-03 -3.365E-03 4.440E 02 1.519E 03 0.0 221.4 9.788E-01 49.81 -1.029E-02 -1.868E-03 4.440E 02 1.519E 03 0.0 239.6 9.738E-01 49.79 -9.744E-03 -2.986E-03 4.440E 02 1.519E 03 0.0 239.6 9.738E-01 49.70 -9.744E-03 -2.694E-03 4.446E 02 1.519E 03 0.0 239.6 9.738E-01 49.70 -9.744E-03 -2.694E-03 4.446E 02 1.519E 03 0.0 239.6 9.738E-01 49.70 -9.744E-03 -2.694E-03 4.446E 02 1.510E 03 0.0 239.6 9.738E-01 49.70 -9.744E-03 -2.994E-03 4.446E 02 1.510E 03 0.0 239.6 9.746E-01 49.70 -9.744E-03 -2.994E-03 4.446E 02 1.510E 03 0.0 239.6 9.574E-01 49.70 -9.744E-03 -3.721E-03 4.446E 02 1.510E 03 0.0 239.6 9.746E-01 49.70 -9.744E-03 -3.721E-03 4.446E 02 1.510E 03 0.0 239.6 9.605E-01 49.70 -1.0218E-02 -2.995E-03 4.446E 02 1.510E 03 0.0 237.9 9.605E-01 49.70 -1.0218E-02 -2.995E-03 4.446E 02 1.510E 03 0.0 237.9 9.605E-01 49.70 -1.0218E-02 -2.995E-03 4.446E 02 1.510E 03 0.0 237.9 9.605E-01 49.70 -1.0218E-02 -2.995E-03 4.446E 02 1.510E 03 0.0 237.9 9.605E-01 49.70 -1.0218E-02 -2.995E-03 4.446E 02 1.510E 03 0.0 237.9 9.605E-01 49.70 -1.0218E-02 -2.995E-03 4.446E 02 1.510E 03 0.0 237.9 9.605E-01 49.70 -1.0218E-02 -2.995E-03 4.446E 02 1.510E 03 1.510E 03 0.0 237.9 9.605E-01 49.70 -1.0218E-02 -2.995E-03 4.446E 02 1.510E 03 1.510E	004.	0.0	72.6	9.450E-01	49.80	-9.5476-03	-3.771E-03		31 BE	-2.910E-01	•
0.0 110.2 9.987E-01 49.83 -5.637E-03 -4.2659E-03 4.5308 02 1.5198 03 0.0 147.1 9.682E-01 49.83 -5.238E-03 4.5588 02 1.5198 03 0.0 147.1 9.682E-01 49.83 -9.203E-03 -4.316E-03 4.5588 02 1.5198 03 0.0 165.6 9.662E-01 49.83 -9.453E-03 -2.818E-03 4.3368 02 1.5198 03 0.0 184.5 9.662E-01 49.83 -9.457E-03 -2.818E-03 4.3488 02 1.5198 03 0.0 239.6 9.550E-01 49.83 -9.493E-03 -2.413E-03 4.440E 02 1.5198 03 0.0 239.6 9.576E-01 49.73 -9.774E-03 -2.394E-03 4.440E 02 1.5198 03 0.0 277.5 9.907E-01 49.78 -1.0218E-02 -2.866E-03 4.440E 02 1.510E 03 0.0 277.5 9.907E-01 49.78 -1.0218E-02 -2.694E-03 4.446E 02 1.510E 03 0.0 277.5 9.907E-01 49.78 -1.0218E-02 -2.694E-03 4.446E 02 1.510E 03 0.0 277.5 9.907E-01 49.76 -1.0218E-02 -2.694E-03 4.446E 02 1.510E 03 0.0 377.5 9.907E-01 49.76 -1.0218E-02 -2.694E-03 4.446E 02 1.510E 03 0.0 377.5 9.605E-01 49.77 -1.046E-02 -2.694E-03 4.445E 02 1.510E 03 0.0 377.5 9.805.5 01 49.77 -1.046E-02 -2.695E-03 4.445E 02 1.510E 03 0.0 377.5 9.805E-01 49.77 -1.046E-02 -2.995E-03 4.445E 02 1.510E 03 0.0 377.5 9.805E-01 49.77 -1.046E-02 -2.995E-03 4.445E 02 1.510E 03 0.0 377.5 9.805E-01 49.77 -9.917E-03 -3.902E-03 4.445E 02 1.510E 03 0.0 377.5 9.805E-01 49.77 -9.917E-03 -3.902E-03 4.445E 02 1.510E 03 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	.500	0.0	91.5	9.534E-01	49.83	-9.1396-03	-4.720E-03		19E	-2.786E-01	•
0.0 128.7 1.005E 00 49.84 -9.313E-03 -4.116E-03 4.558E 02 1.519E 03 0.0 147.1 9.635E-01 49.83 -9.203E-03 -2.580E-03 4.392E 02 1.519E 03 0.0 165.6 9.662E-01 49.83 -9.203E-03 -2.381E-03 4.392E 02 1.519E 03 0.0 165.6 9.662E-01 49.83 -9.437E-03 -2.381E-03 4.473E 02 1.519E 03 0.0 203.1 1.003E 00 49.83 -9.493E-03 -2.413E-03 4.474E 02 1.519E 03 0.0 221.4 9.788E-01 49.81 -1.029E-02 -1.868E-03 4.440E 02 1.519E 03 0.0 277.6 9.778E-01 49.79 -9.774E-03 -2.394E-03 4.440E 02 1.518E 03 0.0 277.9 9.077E-01 49.70 -9.774E-03 -2.694E-03 4.446E 02 1.518E 03 0.0 277.9 9.077E-01 49.70 -9.774E-03 -2.694E-03 4.446E 02 1.517E 03 0.0 377.9 9.077E-01 49.70 -9.774E-03 -3.721E-03 4.445E 02 1.517E 03 0.0 377.9 9.077E-01 49.70 -9.774E-03 -3.721E-03 4.445E 02 1.517E 03 0.0 377.9 9.005E-01 49.70 -1.028E-02 -2.695E-03 4.445E 02 1.517E 03 0.0 377.9 9.005E-01 49.77 -1.028E-02 -2.995E-03 4.445E 02 1.516E 03 0.0 0.0 37.9 9.005E-01 49.77 -9.917E-03 -3.902E-03 4.445E 02 1.516E 03 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	009	0.0	110.2	9.987E-01	49.83	-5.637E-03	-4.265E-03		315E	-2.937E-01	•
0.0 147.1 9.683E-01 49.83 -9.203E-03 -2.580E-03 4.392E 02 1.519E 03 1.6566 9.560E-01 49.83 -9.443E-03 -2.881E-03 4.342E 02 1.519E 03 0.0 186.5 9.560E-01 49.82 -9.7442E-03 -2.811E-03 4.345E 02 1.519E 03 0.0 203.1 1.003E 00 49.83 -9.993E-03 -2.413E-03 4.346E 02 1.519E 03 0.0 221.4 9.78E-01 49.81 -1.029E-02 -1.868E-03 4.440E 02 1.519E 03 0.0 239.6 9.576E-01 49.79 -9.744E-03 -2.394E-03 4.344E 02 1.518E 03 0.0 277.9 9.973E-01 49.78 -1.013E-02 -2.694E-03 4.446E 02 1.518E 03 0.0 277.9 9.973E-01 49.78 -1.013E-02 -2.694E-03 4.445E 02 1.518E 03 0.0 277.9 9.773E-01 49.76 -1.013E-02 -2.694E-03 4.445E 02 1.517E 03 0.0 314.4 9.574E-01 49.76 -1.013E-02 -2.694E-03 4.445E 02 1.517E 03 0.0 314.4 9.574E-01 49.76 -1.015E-02 -2.694E-03 4.445E 02 1.516E 03 0.0 314.4 9.574E-01 49.76 -1.015E-02 -2.995E-03 4.445E 02 1.516E 03 0.0 314.4 9.005E-01 49.77 -1.048E-02 -2.995E-03 4.445E 02 1.516E 03 0.0 93.5 9.605E-01 49.77 -9.917E-03 -3.902E-03 4.445E 02 1.516E 03 0.0 0.0 93.5 9.605E-01 49.77 -9.917E-03 -3.902E-03 4.445E 02 1.516E 03 0.0 0.0 93.5 9.605E-01 49.77 -9.917E-03 -3.902E-03 4.445E 02 1.516E 03 0.0 0.0 93.5 9.605E-01 49.77 -9.917E-03 -3.902E-03 4.445E 02 1.516E 03 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	. 700	0.0	128.7	1.005E 00	48.64	-9.3136-03	-4.116E-03		315E	-2.839E-01	•
0.0 165.6 9.560E-01 49.83 -9.443E-03 -2.811E-03 4.334E 02 1.519E 03 0.0 184.5 9.662E-01 49.83 -9.747E-03 -3.365E-03 4.473E 02 1.519E 03 0.0 203.1 1.003E 00 49.83 -9.747E-03 -2.413E-03 4.473E 02 1.519E 03 0.0 221.4 9.788E-01 49.78 -1.025E-02 -1.868E-03 4.440E 02 1.519E 03 0.0 239.6 9.773E-01 49.79 -9.744E-03 -2.394E-03 4.440E 02 1.518E 03 0.0 277.5 9.907E-01 49.78 -1.013E-02 -2.694E-03 4.446E 02 1.518E 03 0.0 277.5 9.907E-01 49.78 -1.013E-02 -2.694E-03 4.446E 02 1.517E 03 0.0 332.4 9.574E-01 49.76 -1.021E-02 -2.636E-03 4.446E 02 1.517E 03 0.0 332.4 9.576E-01 49.76 -1.021E-02 -2.636E-03 4.446E 02 1.517E 03 0.0 331.4 9.766E-01 49.76 -1.028E-02 -2.772E-03 4.446E 02 1.517E 03 0.0 331.4 9.766E-01 49.77 -9.917E-03 -3.902E-03 4.446E 02 1.518E 03 0.0 331.4 9.805E-01 49.77 -9.917E-03 -3.902E-03 4.446E 02 1.518E 03 0.0 0.0 93.5 9.805E-01 49.77 -9.917E-03 -3.902E-03 4.446E 02 1.518E 03 0.0 0.0 93.5 9.805E-01 49.77 -9.917E-03 -3.902E-03 4.446E 02 1.518E 03 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	900	0.0	147.1	9.683E-01	49.83	-9.203E-03	-2.580E-03		519E	-2.805E-01	•
0.0 184.5 9.862E-01 49.82 -9.747E-03 -3.365E-03 4.473E G2 1.519E G3 0.0 203.1 1.003E 00 49.83 -9.93E-03 -2.413E-03 4.549E G2 1.519E G3 0.0 221.4 9.788E-01 49.81 -1.029E-02 -1.868E-03 4.549E G2 1.518E G3 0.0 239.6 9.576E-01 49.79 -9.744E-03 -2.894E-03 4.546E G2 1.518E G3 0.0 239.6 9.713E-01 49.79 -9.744E-03 -2.868E-03 4.446E G2 1.518E G3 0.0 277.5 9.907E-01 49.76 -1.013E-02 -2.694E-03 4.446E G2 1.517E G3 0.0 374.4 9.576E-01 49.76 -1.021E-02 -2.636E-03 4.445E G2 1.517E G3 0.0 332.5 9.605E-01 49.74 -1.028E-02 -2.772E-03 4.445E G2 1.516E G3 0.0 331.9 9.805E-01 49.77 -9.917E-03 -3.902E-03 4.445E G2 1.516E G3 0.0 93.5 9.805E-01 49.77 -9.917E-03 -3.902E-03 4.445E G2 1.518E G3 0.0 93.5 9.805E-01 49.77 -9.917E-03 -3.902E-03 4.445E G2 1.518E G3 0.0 93.5 9.805E-01 49.77 -9.917E-03 -3.902E-03 4.445E G2 1.518E G3	006	0.0	165.6	9.560E-01	49.83	-9.443E-03	-2.811E-03		SASE	-2.878E-01	•
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EXPERIMENTAL DATA

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1.003E-02 -1.901E-03	7		818E-01 49.82
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E-03 -1	-9.56	- 51	-712E-01 49.75 -
-	-9.689	- 51	- 686E-01 49.75 -
E-03 -1	-8.942	- 28	- 705E-01 49.82 -
E-03 -1	-9.625	1	- 703E-01 49.84 -
E-03 -2	-9.5	83 -9.	.721E-01 49.83 -9.
E-03 -2	1.6-	13	.732E-01 49.83 -
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E-02	-1.0	64 -1.	.802E-01 49.84 -1.
10-1		-1-	. RISE-01 49.86 -1.

EXPERIMENTAL DATA

ACCEL.	CM/SEC/SEC	-9.535E-02
UNITS	CP/SEC	-2.506E-01 -3.211E-01
LENGTH	ð	1.519E 03 -2.506E-01
TEASICH LENGTH VELOCITY ACCEL.	GRAP	4.454E 02
	FT/SEC/SEC	-3.128E-03 -3.312E-03
TENSION LENGTH VFLOCITY ACCEL.	FT/SEC	9.820E-01 49.84 -9.533E-03 5.811F-01 49.81 -1.053E-02
- ENGL 19	11	49.84
TENSION	188	9.820E-01 5.811F-01
OSCL.	DEG	151.6
NO A	SEC	000
RCOR	SEC	44.900

EXPERIMENTAL DATA

68 64 64 6000 64.640E-01 6.640E-01	ACCEL.	CM/SEC/SEC	-1-423E-01	10-11-11-01	-1.531E-01	-1.417F-01	-9.556E-02	-1.173E-01	-1.524E-01		-1-604E-01	-1.3256-01	-1.272E-01	-1.2876-01	1.3445-01	-1.124E-01	-1.086E-01	-1.4786-01	-1.2596-01	10-3026-11-	-1.205E-01	-1.465E-01	-1.317E-01	-1.090E-01	-1.205E-01	-1.156E-01	-1.083E-01	-1.2711-01	1.163F	- (2000	10-3482-1-
CATA PARAMETERS LD " 66 MCF" 44 MCF" 66 MCF" 66 MCF" 66 MCF 78 MC	PETRIC UNITS THE VELOCITY	CP/SEC	-4-168E-01	-4-100E-01	-4-161E-01	-4.256E-01	-4-1876-01	-4.047E-01	-4.043E-01	-4-022E-01	-4.092E-01	-4.195E-01	-3.531E-01	-3.581E-01	-4-074E-01	-4-134E-01	-3.972E-01	-3.934E-01	-3.557E-01	10-3020-4-	-3.936E-01	-3.858E-01	-3.914E-01	-3.835E-01	-3.938-01	-3.808E-01	-3.974E-01	-3-865E-01	-3.824E-01	-3.0/8E-01	10-3000-6-	-3.673E-01
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INCH	TENSICN	GRAP	4.452E G2	4.4836 02					4.5048 02						4.516E 02				184E		486E	3774								3636	4.521E 02	4.5168 02
OSCILLATOR PAP MODE AMPLITUDE, FREQUENCY,	ACCEL.	F1/SEC/SEC	-4.6705-03	-4-6305-03	-5.024E-03	-4.647E-03	-3.135E-03	-3.849E-03	-4.999E-03	-5.746E-03	-5.262E-03	-4.347E-03	-4.174E-03	-4.223E-03	-4.409E-03	-3.687E-03	-3.563E-03	-4.848E-03	-4-132E-03	-4-460F-03	-3.954E-03	-4.806E-03	-4-32 2E-03	-3.577E-03	-3.954E-03	-3.792E-03	-3.554E-03	-4-109E-03	-3.8151-03	-3.81 ce-03	-3-2345-03	-4-214E-03
AYLON REEL-IN 2.00 0.0 44.00 55.00	ENGLISH UNITS	FT/SEC	-1.3746-02	-1.36/5-02	-1.365E-02	-1.396E-02	-1.374E-02	-1.328E-02	-1.3276-02	-1-3195-02	-1.3436-02	-1.376E-02	-1.290E-02	-1.306E-02	-1.3376-02	-1.356E-02	-1.303E-02	-1.291E-02	-1.311E-02	1.3196-02	-1.291E-02	-1.266E-02	-1.284E-02	-1.258E-02	-1.290E-02	-1.2495-02	-1.304E-02	-1.275E-02	-1.255E-02	-1.207E-02	-1.197E-02	-1.205E-02
F 52.22	ENGL	1	57.32	57. 20	57.38	57.34	\$7.26	\$7.24	57.29	57.26	57.27	57.28	57.28	57.27	57.27	57.24	\$7.25	57.21	57.20	67.18	57.22	57.27	57.26	57.26	57.26	57.33	57.34	57.29	57.32	57.30	27.53	27.31
CABLE MATERIAL CIRCTION CIRCTION CECLERATION, FPSZ VELOCITY, FPSZ VECELERATION, FPSZ RUN TIME, SEC INITIAL LENGTH, FT	TENSION	188	9.904E-01	9.8846-01	9.902E-01	9.881E-01	9.886E-01	5.850E-01	9.929E-01	9.951E-01	9.971F-01	9.968E-01	9.971E-01	9.564E-01	9.936E-01	9.926F-01	9.912E-01	9.901E-01	9.886E-01	9.862F-01	9.889E-01	5.869E-01	9.8716-01	9.877E-01	9.889E-01	9.528E-01	9.928E-01	9.940E-01	10-3646-5	9.972E-01	10-3696-6	9.45 re-ut
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•	NO.	SEC	0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0
TEST NG	RCOR	114E SEC	0.0	0.200	0.300	004.0	0.500	0.600	00.00	0.900	1.000	1.100	1.200	1.300	1.500	1.600	1.700	1.800	1.900	2.100	2.200	2.300	2.400	2.500	2.600	2.700	2.900	2.900	3.000	3.100	3.200	3.300

EXPERIMENTAL CATA

FASION
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EXPERIMENTAL CATA

1		icusi ou	LENGIA		ALLELO	ICASICA	LENGIA	VELUCITY	
SEC SEC	066	res	F.	FT/SEC	FT/SEC/SEC	GRAP	3	CH/SEC	CM/SEC/SEC
			57.23	-1.218E-02	-2.501E-03	4.466E 02	1.744E 03	-3.7136-01	-7.622E-02
8.100 0.0		9.832E-01	57.24	-1.192E-02	-2.764E-03	4.460E 02	1.745E 03	-3.634E-01	-8.425E-02
			82.76	-1.165E-02	-3.404E-03		1.146E 03	-3.552E-01	-1.038E-01
		9.863E-01	57.31	-1.162E-02	-3.684E-03		1.747E 03	-3.543E-01	-1.123E-01
			57.32	-1.195E-02	-3.076E-03		1.7476 03	-3.644E-01	-9.374E-02
			57.30	-1.199E-02	-3.503E-03		1.7476 03	-3.655E-01	-1.068E-01
			57.31	-1.222E-02	-3.540E-03		1.7476 03	-3.725E-01	-1.0796-01
		9.940E-01	57.35	-1.215E-02	-4.976E-03		1.7486 03	-3.702E-01	-1.517E-01
			57.33	-1.236E-02	-5.115E-03		1.7478 03	-3.769E-01	-1.559E-01
	131.6	1	57.30	-1.218E-02	-3.900E-03	4.513E 02	1.747E 03	-3.713E-01	-1.189E-01
		9.955E-01	57.32	-1.220E-02	-4.157E-03	516E	1.747E 03	-3.718E-01	-1.2676-01
		9.548E-01	57.31	-1.240E-02	-4.064E-03	512E	1.7476 03	-3.780E-01	-1.239E-01
		9.940E-01	57.32	-1.198E-02	-3.500E-03	SCSE	1.7476 03	-3.652E-01	-1.067E-01
		9.9436-01	57.31	-1.229E-02	-3.121E-03	510E	1.747E 03	-3.747E-01	-9.512E-02
		9.938E-01	57.30	-1.208E-02	-2.614E-03		1.7476 03	-3.601E-01	-7.967E-02
		9.9146-01	57.30	-1.208E-02	-3.0536-03		1.747E 03	-3.661E-01	-9.305E-02
		9.905E-01	57.28	-1.219E-02	-3.248E-03		1.746E 03	-3.717E-01	-9.901E-02
		9.887E-01	57.28	-1.180E-02	-3.430E-03		1.746E 03	-3.557E-01	-1.045E-01
		9.883E-01	57.24	-1.1976-02	-3.832E-03		1.745E 03	-3.649E-01	
		9.860E-01	57.23	-1.2276-02	-3.458E-03		1.744E 03	-3.739E-01	-1.054E-01
		9.837E-01	57.24	-1-198E-02	-3.30 8E-03		1.745E 03	-3.651E-01	
		9-829E-01	57.22	-1.237E-02	-4.384E-03		1.7446 03	-3.771E-01	-1.336E-01
10.200 0.0	5.1	9.8566-01	57.31	-1.176E-02	-3.905E-03	4.470E 02	1.7476 03	-3.583E-01	-1.190F-01
		9.861E-01	57.30	-1.219E-02	-4.089E-03		1.747E 03	-3.715E-01	-1.246E-01
		9.855E-01	57.29	-1.184E-02	-4.373E-03		1.746 03	-3.607E-01	-1.3336-01
		9.866E-01	57.30	-1.185E-02	-3.141E-03		1.74EE 03	-3.613E-01	-9.573E-02
		9.884E-01	57.33	-1.204E-02	-3.582E-03		1.7476 03	-3.669E-01	-1.214E-01
		9.914E-01	57.38	-1.200E-02	-3.583E-03		1.745€ 03	-3.658E-01	-1.092E-01
		9.926E-01	57.35	-1.132E-02	-3.673E-03		1.7486 03	-3.451E-01	-1.120E-01
		9.933E-01	57.34	-1.191E-02	-3.435E-03		1.7486 03	-3.629E-01	-1.0476-01
			57.35	-1.183E-02	-3.09 8E-03		1.748E 03	-3.606E-01	-9.443E-02
			57.35	-1-151E-02	-2.832E-03		1.74EE 03	-3.600E-01	132F
		•	57.33	-1.203E-02	-3.583E-03	4.5116 02	1.748E 03	-3.666E-01	-1.092F-01
			57.32		-2.628E-03		1.7476 03	-3.646E-01	-8.011E-02
		1	57.29	-1.220E-02	-3.656F-03	4.509E 02	1.746E 03	-3.720F-01	-1.114F-01
		-312	97.28	-1.223E-02	-3.537E-03		1.746E 03	-3.726E-01	-1.078E-01
11.600 0.0		9.904E-01	57.29	-1.202E-02			1.746E 03	-3.664E-01	-1.088E-01
		-36	57.27	-1.191E-02	-3.059E-03		1.7458 03	-3.631E-01	-9.323E-02
			57.26	-1.287E-02	-3.359E-02		1.745E 03	-3.922E-01	-1.024E 00
		1.041E 00	57.26	-4.152E-02	1	4.720E 02	1.745E 03	-1.266E 00	-1.8376 01
			57.27	-1.342E-01	-1.163E 00		1.746E 03	-4.090E 00	-3.545E 01
			57.28	-2.506E-01	-1.236E 00		1.746E 03	-7.637E 00	-3.76 BE 01
			57.34	-3.596E-01	-1.126E 00		1.748€ 03	-1.096E 01	-3.431E 01
			57.30	-4.612E-01	-1.008E 00		1.7476 03	-1.406E 01	-3.074E OL
12.400 0.600			57.28	-5.533E-01	-9.49 IE-01		1.746E 03		-2.893E OL
								۱	

EXPERIMENTAL DATA

1 N	TINE	ANGLE	iensi on	LENGIN	***********	ACCEL.	- CH31CH	- CHOIL	VELUCITY	
SEC	SEC	990	188	ī	FT/SEC	F1/SEC/SEC	GRAP	5	CM/SEC	CM/SEC/SEC
009	0.800	83.4	1.Ce7E 00	57.20	-7.296E-01	-9.343E-01	4.930E 02	1	.224E	-2.848E 0
12.700	006-0	102.0	100	57.15	-8.193E-01	0	955E	1.742E 03	-2.497E 01	-2.876E 0
. 800	1.000	120.0	_		-9.079E-01	-9.425E-01		161		-2.873E 01
006	1.100	138.5		26.95	-9.970E-01	-9.413E-01	.711E	1.735E 03	-3.039E 01	
900	1.200	156.7	1.059E 00	56.79	-1.086E 00	-9.359E-01	05E			
100	1.300	175.3	_	26.66	-1.173E 00	-9.345E-01				-2.848E 01
200	1.400	194.2		56.55	-1.259E 00	-9.309E-01	5.026E 02	724E	-3.837E 01	.837E
300	1.500	213.0		56.41	-1.348E 00	-9.329E-01	3066		100	-2.843E 01
004	1.600	231.3		56.25	-1.437E 00	-9.256E-01	3946	715E		2.821E
200	1.700	250.4		56.09	-1.525E 00	-9.347E-01	953E	369E	48E	-2.849E OL
009	1.800	269.5	102E	55.92	-1.614E 00	-9.284E-01		104E	-4.919E 01	
100	1.900	288.2		55.75	-1.699E 00	-6.5136-01	-046E	3659		-
900	2.000	306.€		55.56	-1.761E 00	-5.303E-01		365	-5.367E 01	3919.
900	2.100	325.0	3950	55.36	-1.790E 00	-1.902E-01	_	667E		
000	2.200	343.8	.047E	55.18	-1.795E 00	-8.193E-03	. 749E	2	_ =	
4-100	2.300	274.5		0	-1.792E 00	4.209E-02		176	5-463F	
4.200	2.400	9.5	-080E	54.94		3.6176-02		14E	-5.458F 01	1.102F O
4-300	2.500	28.2		54.74	-1.788E 00	1.542F-02		SAF		6.699F-0
4.400	2.600	46.9	1.055E 00	54.54	-1.786E 00	-2.736E-03				-8.339E-0
4.500	2.700	65.6		54.36	-1.785E 00	-6.573E-03	100	1.6576 03		
4.600	2.800	84.4	9190	54.20	-1.787E 00	-8.037E-03		-	-5.447E 01	-2-450E-01
4.700	2.900	102.9		54.03	-1.789E 00	-8.663E-03		-		
4.800	3.000	121.3	1.081E 00	53.87	-1.789E 00 -8.0	-8.032E-03	4.905E 02	1.642E 03	372	2.448
4.900	3.100	139.0	1.072E 00	53.67	-1.789E 00	-6.811E-03		-		976
000	3.200	158.2		53.49	-1.788E 00	-5.551E-04		-		692
100	3.300	176.9	-	53.31	-1.787E 00	-2.654E-03		000	770	80
200	3.400	195.5		53.12	-1.787E 00	-3.311E-03		3	-5.447E 01	8
300	3.500	214.6		52.92	-1.786E 00	-6.055E-03		1.613E 03		-1.846E-01
004	3.600	232.8	1.069E 00	52.74	-1.786E 00	-4.897E-03		3809	_	-1.492E-0
200	3.700	251.9	-	52.57	-1.786E 00	-3.869E-03		0	-5.444E 01	.13
009	3.800	270.5		52.40	-1.785E 00	5		0	314	-1.389F-01
2. 700	3.900	289.4		52.25	-1.765E 00	-6.848E-03		1.552E 03	141E	.087
900	4.000	307.6		\$2.04	-1.785E 00	-7.774E-03		0	-5.440E 01	369
900	4.100	326.4		51.85	-1.784E 00	-3.560E-03		580E 9	138E	-1.085E-01
000	4.200	345.5		51.65	-1.784E 00	3		374E 0	30	31E-
100	4.300	234.8		51.49	-1.784E 00	-2.178E-03		369E	-5.438E 01	3
6.200	4.400	11.5		51.39	-1.787E 00	₹		399g		3.496E-02
300	4.500	30.2	т.	51.20	-1.786E 00	3		360E 0	-	-1.425F-01
004.9	4.600	49.0		51.02	-1.786E 00	3		355E 0	-5.445E 01	24
200	4.700	67.7	1.073E 00	50.83	-1.786E 00	2		1.5496 03	-5.442E 01	75E-
909	4.800	9.98		50.69	-1.788E 00	-5.896E-03		545E 0	_	-797E-
. 700	4.900	105.4	071E	50.50	-1.789E 00			39E	-5.452E 01	1616-
6.800	2.000	123.6		50.32	-1.788E 00	2		134E 0	306	.971
006.9	5.100	142.5		50.15	-1.788E 00	135	-	1.528E 03	-5.450E 01	1
000	5.200	141.1	36LU	49.96	-1.788F OG	3	242	1 8236 03	1644	ORBE

EXPERIMENTAL CATA

RCDR RUN	0861.	TENSION	LENGTH	VELOCITY	ACC EL.	TENSICN	LENETH	VELOCITY	ACCEL.
280	990	185	11	FT/SEC	FT/SEC/SEC	GRAP	3	CM/SEC	CM/SEC/SEC
				.786E	1.980E-03	9636	126 0	-445E	6.034E-02
7.300 5.500		1.080E 00	49.43	-1.786E 00	-3.945E-03		-	-5.443E 01	-202E-
		-0 78E	49.26	. 786E	-4.548E-03	. 868E	115 0	443E	-1.386E-01
		1.074E 00	49.09	85E	-1.846E-03	.8716	0 395	-5.441E 01	979
		.075E	16.84	.785E	-3.152E-03	.815E	11E 0	1416	607F
			48.73		-2.937E-03		0		-951F
			48.54	ш	-4.622E-03	.867E.	0 301	438E	-1.4096-01
		-	48.37	.784E	-4.56 SE-03	845E	0	438E	-391E-
		1.064E 00	48.19	.784E	599E-	.828E	0	436E	110
		100		.785E	140E-	. 838E	0	440E	.176
				.787E	-1.849E-03	.824E	0		.637
		1.069E 00	47.72	787E	-7.646E-04	.848E	0	446E	-2.331E-02
		-067E	47.55	1.785E	1.75 EE-04	. 838E	0	12E	.352
		3690·		785E	-2.835E-03	.848E	0		:
		1.070E 00	47.23	787E	-3.330E-03	.854€	0 30	•	115E-
		€90.	47.07	788E	-4.936E-03	. 851E	35		-
			46.89	. 787E	-8.629E-03	871E	2		-2.630E-01
			46.70	787E	-5.701E-03	.873€	24		138E-
			46.54	1.787	-2.104E-03	878E		-5.447E 01	
			46.35	787E	-1.980E-03	3698.	13	145E	-6.034E-02
			46.16	786E	-5.259E-03		1.407E 03	L/Te	-1.603F-0
			45.99	786E	-4.356E-03	369B	17	444E	-1.328E-0
			45.79	785E	5.692E-04	873E	1.396E 03	-5.441E 01	1.735E-02
			45.59	-	-2.571E-03	.878E	35CE	3014	-7.838E-0
			45.43		•		388E	•	-0.537E-02
		1.071E 00	45.21	84E	-1.4536-03	158E	378E 0	376	-4.428E-0
			42.04				1.373€ 03		-2.259E-01
			44.84	ш	-6.095E-03	349E	1.367E 03	-5.436E 01	-1.858E-01
000 8.200			44.65	_	-4.829E-03		1.3616 03	36E	-1.472E-0
			44.53	ш	-3.332E-03	.849€	1.3576 03	116	16E-
			44.40	ш	-2.999E-03		1.353£ 03	**	416
			44.23	-1. 786E 00	-8-151E-03		1.348E 03	136	-484F
			44.03		-4.846E-03	.8546	1.3426 03		177F
		1.066E 00	43.86	-1.786E 00	-2.223E-03		1.337E 03	-5.443E 01	
			43.74		1.252E-03		1.332E 03		11SF
		072E	43.57	1.788E	-1.929E-03	4.861E 02	1.328E 03	-5.440E 01	-5.878E-0
		9180	43.39	. 787E	-4.557E-03		1.323E 03	-	989
		3610	43.19	787E		894E	1.316E 03	-	1096
		078E 00	43.00	-1.786E		891E	1.311E 03	-5.445E 01	-3060
		073E 00	42.82	-1.786E		868E	305E		4736-
		073E 00	42.65	-1.786E	-4.030E-03	868E	1.300E C3		220E-
		089E 00	42.46	-1.786F	-3.549E-03	. 938E	294E		-082E-
		00 3500	42.28	-1.785	-1.49 FE-03	1986.	388		1-0656
500 9.700	263.6	DRZE OC	42.09	-1.785	-6.837E-03	-906F	1.2836 03	-5.4396 01	2.086F
		2000	41 00	704		200	2776	7386	1.1326-

EXPERIMENTAL CATA

00.											
TIME	TIME	ANGLE					WALEL.				
SEC	SEC	930	185		FT	FT/SEC	F1/SEC/SEC	GRAP	5	CH/SEC	CM/SEC/SEC
. 800	10.000	315.3					-4.61 1E-03	3668		.437E	-405E-
006.	10.100	338.2	1.090E		41.38	. 783E	8-496E-05	945E		396	2.590E-03
000	10.200	356.3		00	41.21		-3.6766-03	4.878E 02	1.25EE 03	-5.4336 01	-1.120E-01
100	10.300	26.2			01-19	-1.785E 00	-2.668E-03	. 786E		32	-8.131E-02
.200	10.400	22.3			40.93	. 786E	-4.812E-03	. 773E	1.2486 03	5.443E	1.467E-
.300	10.500	41.1			40.73	785E	-3.903E-03			32	-1.189E-01
004	10.600	59.6	9610			. 785E	2.322E-04	.854E		5.440E	078E-
500	10.700	78.6				786F	-5-41 58-03	-862E		-443E	650F-
009	10.800	97.5				1. 78RF	-2.557F-03	-821E		3644.2	795F-
700	10.900	116.1			40.07	1.788E	-3.849E-03	8206	1.221F 03	5.449F	-
800	11,000	134.6				1.7878	-6-389F-03	BSAF		5-446F	1.947
000	11.100	163.1	2180		30 71	7875	-4-1435-03	9036		2777	240
000	11.200	172.0	1 0786		•	7846	-4.4305-03	800	1 2066 03	2446	
200	300		336		30 36	3001	1 3035-04	3436		3044.0	
200	0000	1910	200			1007-1	1.3035-04	2000		3446	3116-6
007	11.400	20602			12.65	1. 786E	-6.259E-03	3168	315	3.443E	:
.300	11.500	228.1	3746				-8.734E-03	10E		-442E	-2.662E-01
004.	11.600	247.0	3£10		38.96		-2.860E-03		11	-5.440E 01	-8.718E-02
.500	11.700	565.5	3690		38.78	-1.785E 00	1.2296-03		_		3.746E-02
009-	11.800	284.4	1.065E		38.61	784E	9.912E-04	8316	311		02 1E-
. 700	11.900	302.€	362E			783 E	-1.068E-03	8 17E		435E	254F
23.800	12.000	321.3			38.26	.783E	-3.832E-03	.834E		-5.433E 01	168F-
900	12.100	340-0			38.07	1.782E	-4.514E-03	.824E		ш	376F
000	12.200	349.7			37.90	1.782F	-8.536F-01			-5.4326 01	
100	12.300	5.5	1.0595		37.75	786	-1.869E-03	AOSE	1.1516 03	-5.44.2E OI	-K. 4976-02
200	12.400	24.3			37 58	1 786 E	-3-744E-03	92.26	78.5	١.	4
200	2.500	42.2			27 60	700	-2 4446-03		1 140 6 03		200
	2007				20.00	1000	50 30 50	2300		١.	
2	12.000	0.70			31.63	1 - /85E	-1.0395-03	9969	1.1372 03	м	-3.100E-02
24.500	17.700	0.18	1.073			. 786E	-6.502E-03	BOOE			-1.982F-
009.	12.800	0.001			36.91		-2.234E-03		-	-5.450E 01	-6. 01 1E-02
24.700	12.900	118.4	1.078E		36.72	-1.787E 00	-3.441E-03	-	-	-5.448E 01	-1.0495-01
. 800	13.000	137.1			36.53			156E		-5.446E 01	-1.439F-02
900	13.100	155.7			36.35	-1.786E 00		4.863E 02	1.108E 03	-5.44E 01	-9.357E-02
000	13.200	174.3			36.20	-786E		340E	-	-5.443E 01	-2.117E-0
100	13.300	193.3	1990		16.03	1. 7AKF	P	836F	-	-5.442E 01	-4.094F-
200	13.400	212.1			35.85	1.7856	C		1.0626 03	-5.4416 01	-0.780F-0
300	13.500	230.3	346		14.47	785	-0-709E-04		200	-S. 440E 01	
		7 076			35		20 31 60			٠.	
200	13.000	2000	3000		22.20	1000	-1.133503	4.1365 02	10000	10 30000	-3.603.6-
200	13.700	5.807	400		35.35	1. /84	-0.729E-03		1.01	10 306 b.c-	-2.0317
009.	13.800	287.1	058E		35.13	.784€	-6.372E-04	188E	1.0716 03	-5.437E 01	-1.942F-0
25.700	13.900	305.5	1.048E		34.95	-1.783E 00	-4.149E-03	4-755E 02	1.0656 03	-5.435E 01	-1.265E-01
. 800	14.000	324.2	043E		34.77		-6.131E-03	732E	1.0666 03	-5.435E 01	-1.869E-0
006-	14.100	343.2	045E		34.59	7836	-3.407E-03	7416	0	-5-434F 01	-1.038F-01
000	14.200	285.5	35 36		34.42	7836	1.736		E	-6.413F 01	2016-
26.100	14.300		05.0E		24. 30	1.786	1.204	1001	1.0445	ŀ	9
	7.	37.6	10000		20.00	1000	7 4346	300	20101		
20.200	74.400	2017	050E		34.16	185	. 20.		1.0406 03	-5.442E 01	•
	***		-								-

EXPERIMENTAL DATA

RUN	0861.	TENSTON	LENGTH	VELOCITY	ACCEL.	TENSICK	LENGTH	VELGCITY	ACCEL.
366	066	1.85	11	FT/SEC	F1/SEC/SEC	GRAP	ð	CH/SEC	CM/SEC/SEC
4.600	65.1		33.74	. 785E	-1.569E-03	4.799E G2	1.C28E 03	.442E	-4-782E-0
4.700	84.2		33.59		-4.089E-03	832E	1.024E 03	5.447E	-1.246E-01
4.800	103.1		33.43	187E	-2-322E-04	4.845E C2	0	3944·	-7.078E-03
4.900	121.5		33.26	.787E	-5.690E-03		0	5.446E	
2.000	140.5	1.072E 00	33.09	. 787E	-4.565E-03	3098·	1.0CBE 03	445	-391E-
2.100	159.2		32.90		-3.976E-03		0	3444.	-1.212E-01
2.200	178.3		32.72	. 785E	-2.175E-03		0		.629
2.300	197.5		32.54		-2.775E-04		0	314te	-8.459E-03
2.400	216.3		32.35		-4.622E-03		9.860E 02	3044·	-1.409E-01
2.500	234.4		32.17		-3.410E-03	4.885E 02	0	3044·	-1.039E-01
2.600	253.5		32.00		-5.471E-03	853E	.753E 0	439E	-1.668E-01
2.700	272.3		31.80	. 784E		3228	0	٠.	-9.305E-02
2.800	5.062		31.61		-3.560E-03	36E	.636E 0	-5.435E 01	-1.085E-01
15.900	309.5		31.43		-1.9426-03	333E	0	36E	-5.922E-02
16.000	328.3		31.25		-2.611E-03	346	.526E 0	34E	-7.959E-02
16.100	347.4		31.07	-1.783E 00	-4.891E-03		0	-5.433E 01	-1.491E-01
16.200	207.6		30.89		-5.902E-03	803E	0		-1.7996-01
16.300	13.1		30.76	.786E	-5.976E-04		0	-5.444E 01	-1.821E-02
16.400	32.1	1.072E 00	30.59	785E	-3.084E-03	_	0	*	•
16.500	51.5		30.43	185E	-2.537E-03		9.274E 02	-	-7.734E-02
009-9	10.3		30.26	.785E	-1.543E-03		0	-440E	-4.704E-02
6-700	90.4		30.10	187E	-4.033E-03		9.174E 02	-446E	-1.229E-01
9.800	108.3	1.068E 00	29.93	.787E	-3.914E-03		9.123E 02	3744.	
9.000	126.9		29.15	187E	-3.129E-03		9.068E 02	-447E	53 BE-
2.000	145.6		29.57	187E	-7.703E-04				34 BE-
1.100	164.6		19.62	1 . 786E	-5.624E-03		_	3444·	-1.7146-01
2.200	163.6	1.068E 00	29.54	1. 786E	-4.231E-03			-5.4436 01	290E-
11.300	507		50.67	1001	-3.2771-03		7	5.442E	9.987E
200	0.177	1.0735 00	28.87	1 705 5 00	-4.9335-03	4.877E 02	8-801E 02	37	
7 600	36. 4		20.07	7070	4 3235 04			10 301	20100.6
7.700	277.6	1.0685 00	28.33		-2.9316-03		434E 02	10 386 01	201766
7.800	296.2		28.14	1.7845	-6.432F-03			9.4375	-1-9406-01
17.900	314.6		27.96	1.784€	-8.009E-03	916	8.5236 02	-5.437E 01	
18.000	333.3		27.80		-1.725E-03		.472E	356	-5.257E-0
18.100	352.6		27.62		-1.880E-03			434	-5.732F-0
18.200	112.2		27.48	184E	-2.461E-03		-	2	-7.501E-02
18.300	18.1		27.33	186E	-1.900E-03		1000	-5.443E 01	-5.792E-02
8.400	37.1		27.15	185E	-4.613E-03	4.783E 02	155	416	-1.406E-01
18.500	55.5	1.060E 00	26.97	785E	-2.141E-03		8.220E 02	-5.441E 01	-6.526E-02
18.600	14.8		26.79	185E	-6.256E-03	4.817E 02	1	40E	-1.907E-01
18.700	94.0		26.63	788 E	5.806E-04	842E	100	516	-
18.800	112.6	1.062E 00	26.45	187E	1.7056-03	3018	32	-	5.196F-02
18.900	131.1		26.27	787E	-3.509E-03	828E	8.007E 02	3944·	-1.070E-01
000-61	149.5		26.08	-1.786E 00	.378	1716	7.949F 02	445E	639E-

EXPERIMENTAL DATA

T ME	IN.	ANGIE					ACCELO			ACTORIOS	
SEC	SEC	990	188	FT C	FT/SEC) EC	F1/SEC/SEC	GRAP		CH/SEC	CM/SEC/SEC
31.000 19	9.200	187.6	1.071E 0	0 25.72	-1-	w	-2.070E-03		7.838E 02		-6-310E-0
	.300	206.3			3 -1.7861		-3.633E-03		7.781E 02		-1.107E-01
	004-6	224.8				_	-4.650E-03	-	7.123E 02	-5.441E 01	-1.417E-01
	9.500	243.6		0 25.17	-	ш	-3.605E-03	-	7.671E 02	-5.439E 01	-1.099E-01
	009-	262.7			•	ш	-7.01 9E-03	-	7.618E 02	386	-2.1396-01
	001-1	281.3			2 -1.784	ш	-4.415E-03	4.817E 02	7.567E 02	386	-1.346F-0
	008.	299.5				ш	-2.750E-03		7.512E 02	38E	-8.382E-0
	006.	317.8			-		-2.877E-03	-	7.464E 02	35E	
	0000	336.6					-3.985E-03		7.409E 02	35E	
	1.100	355.1			-1-		-6.896E-03		7.354E 02	34E	-2-102E-01
	0.500	8.59		0 23.98	-1-		8-01 SE-04		7.310E 02	-5.441E 01	2.4435
	1.300	20.5			-1-		-2.291E-03		.26CE	43E	-6.983E-0
	1.400	39.1			-1-	ш	-6.882E-04	_	7.210E 02	12E	-2.098E-02
	005-0	58.6			-		-5-919E-04		150F		-1.804F-0
	009-	17.8			-		-4.325F-03	7	1001		-1.318F-01
	1.700	9.40		23.14	-		-5.927E-03		053E		
	000	***	0 3040				-6.22 aF-03		2000		1 6036
	000	123.0					2 0836 03		77.76	10 3011	1000
	200	163			•		2 0175 03				
	000	135.			•		50-3116-7-		2000		:.
	001-1			14.77	•		-4-0236-03				:
	007-1	1300-1	1.0500				-3.4545-03		2		3.
	2000	208-3			-		-2.6/35-03	100		-	i.
	000	75001		06-12 0	;		-3.347E-03			10 3266-6-	-1.0206-01
	000	2000			;		;	3741		311	•
	000	50407	1.038E 0		-		-1.920E-03			366	5.853E
	001	283.1			;	ш	-4.248F-05		3136	376	:
	. 800	301.5			-		-5.072E-03				-
	006-	319.6					919			-5.435E 01	-2.015E-01
	000-	338.9			-1.		-6.434E-03	9		5	-1.9616-01
	.100	356.7			-	ш	-4.820E-03			346	-1.469F-01
	.200	14.6				ш	-1.3426-03		_		-4.092E-0
	.300	23.5		0 20.32	-		4-135E-04		6.195E 02	200	1.260E-0
	-400	45.5			7		-2.039E-04	4.772E 02	6.140E 02	-5.443E 01	-6.219€-0
	. 500	61.3		-	-		-9.806E-03		4.080E 02	-5.442E 01	-1.770F-0
	009-	80.9			7 -1.786	ш	-5.287E-03	4.767E 02	.025E		-1.612E-01
	. 700	99.6		0 19.62	2 -1.788		-2.908E-03		3672.	-	-8.865E-0
	.800	117.9		-	-		-2.869E-03			-5.448E 01	-8.744E-02
	006-	136.5		-	-1-		-4.843E-04		. £74E	-	-
	0000	155.2			-1-		-6.185E-03		. 82 1E	445E	
	1.100	174.1			7		-6-109F-03		3646		F
	1.200	191.4		-	-		-3-427F-03		7116	- 53	.044
	200	213.5			:.			336.6		- 10	
	200				•		-11.51.F		316		
		1.067			-1.78		-100	1356	603E	07-	-169g
	23.500	249.1	1.0696 0	00 18.2	22 -1.78	SE 00	240	4.848E 02	2	-5.440E 01	.769
	009-	268.1		18.	-	w	-4.588E-04	851E	5	38E	868
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EXPERIMENTAL DATA

TIME TIME	0501.	TENSI ON	LENGTH	VELOCITY	ACCEL.	TENSICA	LENGTH	VELOCITY	ACCEL.
SEC	066	587	Ħ	FT/SEC	FT/SEC/SEC	GRAP	8	CHISEC	CM/SEC/SEC
	305		17.66	784E	-6.655E-03	30		.437E	.1.
35.700 23.900	323.9	1.069€ 00	17.48	184E	-4.050E-04	316	5.327E 02	-5.437E 01	-1.234E-02
	343		17.31	w	-3.450E-03	36	-	.437E	-1.1135-01
	296		17.12	184E		1756	5.219E 02	396	16
			16.98	787E	-4.41 5E-03	326		3944·	346E-
			16.82	786E	-4.557E-03	4.829E 02	_	3444·	-1.389E-01
			16.64	786E	1.1336-04	300	-	43E	153F
			16.47	-1.785E 00	-3.532E-03	126	_	3144.	376
			16.31	786E	319	835E		3644·	1.316
			16.14	788E		365	-	-450E	-1.334E-01
			15.57	1.788	-4.744E-03	21E			-1-446E-01
		1.070E 00	15.79	787E	-6.803E-03			3944·	-2.073E-0
			15.61				-	447E	-5.024E-0
			15.43	1.787E	7.618E-04		-	3944·	2.322€-0
			15.27	. 786E	-8.638E-04		-		-2.633E-0
			15.08	786E	-6.692E-03			3444·	-2.040E-0
37.200 25.400		1.063E 00	14.89	786E	-3.908E-03	22E	36		-1.191E-0
			14.73	785E	-1.9746-03				-6.017F-0
			14.56	.785E	6.230E-04		4.438E 02		1.899E-02
			14.38	7845	-3.928F-03		1		-1-197E-0
			14.19	784E	-5.573E-03				-1-699E-0
			14-01	784E			4.272E 02	17E	
0 26.000	348.6	1.061E 00	13.84	-1.784E 00	-4.432F-03	4.811E 02	4.2176 02	-5.436E 01	
			13.66	w	-4.240E-03			-	-1.292E-0
			13.51		-2.652E-03		4.119E 02		-8.692E-0
			13.34	-	-4.531E-04	132E		-5.442E 01	-1.381E-0
			13.16	-1.785E 00	-2.127E-03			-5.441E 01	-6.483E-0
005-97 0		1.059€ 00	12.99	w	9.671E-03	105E		-440E	2.948E-0
			12.81	773E	2.821E-01	8	-	-5.405E 01	8.600E
			12.63	w	6.756E-01		-	-5.253E 01	2.059E 0
38.600 26.800			12.48	-	9.277E-01	4.708E 02	340	-5.010E 01	2.828E 0
			12.35		1.199E 00			-4.401E 01	3.656E 0
			12.34	-8.624E-01	1.139E 00		-	-2.629E 01	3.471E 0
			12.34	1	1.107E 00			-9.120E 00	3.374E 0
			12.32	-9.555E-03	1.1496 00			-2.912F-01	3.502E 0
			12.32	6.724E-02	2.464E-01	2.952E 02		2.C49E 00	7.511E 0
		. 183E	12.33	5.105E-02	-3.255E-01	399		1.556E 00	-9.920E 0
			12.34	1.909E-02	-3.047E-01	5.256E 02		5.8186-01	
0.0	277.2	7.897E-01	12.34	792E-	-1.508E-01	3.582E 02	3.760E 02	-1.461E-01	
	295.8		12.33	FIDE	-3.743E-02	4.747E 02		-4.297E-01	-1.1416 0
0	314.5		12.35	-88 E-	1-383F-02	132E		-4.474E-01	4-216F-0
	333.0		12.35	1	2-1875-02	96 96		-3.804E-01	4.665F-01
	352.2		12.36	- 344	1-368E-02	36.48	-		7
	101		12.37	-1.0278-02	\$-22 AE-03	9116		-3-1296-01	4036
			12.37	2000	-2. 434E-04	2366	-	-3.0426-01	1
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EXPERIMENTAL CATA

RC DR TI4E	TIVE	DSCL.	TENSION	LENGTH	GTH VELOCITY	ACCEL.	TENSICN	LENGTH VELO	VELOCITY	ACCEL.
SEC	SEC	DEG	185	=	FT/SEC	FT/SEC/SEC	GRAP	3	CH/SEC	CH/SEC/SEC
0.200	0.0	5.95	2	12.36	-1.060E-02	-1.6375-03	4.838E 02	3.76SE 02	-3.232E-01	-4.989E-0
40.300	0.0	76.0	9.667E-01	12.35	-1.049E-02	-6.825E-04	4.385E 02		-3.157E-01	-2.080E-02
004-0	0.0	5.46	W	12.35	-1.102E-02	-2.285E-03	4.553E 02		-3.358E-01	-6.966E-02
0.500	0.0	113.5	36	12.35	-1.194E-02	-1.518E-03			-3.638E-01	-4.627E-0
009-0	0.0	131.8	9.883E-01	12.34	-1.184E-02	-1.861E-03	4.483E 02		-3.607E-01	-5.671F-0
0.700	0.0	150.4	2	12.34	-1.202E-02	-1.600E-03			-3.665E-01	-4.877E-0
0.800	0.0	169.0	3	12,33	-1.093E-02	-1.444E-03			-3.3326-01	-4.402E-0
006.0	0.0	188.1	9.9946-01	12.34	-1.142E-02	-1.747E-03			-3.480E-01	-5.326E-02
1.000	0.0	20€.€	w	12.34	-1.104E-02	-1.906E-03			-3.364E-01	-5.809E-02
1.100	0.0	224.6	1.023E 00	12.34	-1.111E-02	-1.563E-03	4.6428 02		-3.385E-01	-4-765E-0
1.200	0.0	243.2	'n.	12.35	-1.101E-02	-1.121E-03	4.529E 02		-3.356E-01	-3.418E-02
1.300	0.0	262.0	1.014E 00	12.34	-1.169E-02	-1.334E-03			-3.562E-01	-4.066E-02
1.400	0.0	280.8	1.010E 00	12.35	-1.110E-02	-1.906E-03	4.581E 02		-3.384E-01	-5.809E-02
1.500	0.0	299.1	-	12.35	-1.130E-02	-1.1586-03	4.531E 02		-3.443E-01	-3.530E-02
1.600	0.0	317.5		12.34	-1.113E-02	-1.014E-03	4.579E 02		-3.392E-01	-3.090E-02
1.700	0.0	336.5		12.33	-1.144E-02	-1.342E-03	4.545E 02		-3.486E-01	-4.092E-02
1.800	0.0	355.0	9.577E-01	12.34	-1.109E-02	-1.00 8E-03	4.526E 02		-3.381E-01	-3.073E-02
1.900	0.0	39.1	w	12.35	-1.147E-02	-1.849E-03	4.569E 02		-3.496E-01	-5.637E-02
2.000	0.0	25.2		12.36	-1.049E-02	-1.461E-03			-3.196E-01	-4.454E-0
2-100	0.0	41.0	w	12.35	-1.020E-02	-1.2266-03			-3.100E-01	-3.738E-0
2.200	0.0	59.9	-	12.35	-1.111E-02	-1.427E-03			-3.345E-01	-4.351E-0
2.300	0.0	78.9		12.35	-1.210E-02	-2.104E-03			-3.689E-01	-6.414E-0
2.400	0.0	97.6	w	12.34	-1.121E-02	-3.016E-03			-3.4166-01	-9.193E-0
2.500	0.0	116.1	-	12.35	-1.191E-02	-3.067E-03	4.587E 02		-3.631E-01	-9.348E-02
2.600	0.0	134.5		12.35	-1.054E-02	-2.537E-03	4.580E 02		-3.211E-01	-7.734F-0
2.700	0.0	152.5		12.34	-1.170E-02	-2.297E-03		3.761E 02	-3.567E-01	-7.001E-02
2.800	0.0	171.5		12.35	-1.083E-02	-1.968E-03			-3.302E-01	-5.99F-0
2.900	0.0	190.4	-	12.36	-1.076E-02	-1.730E-03	4.588E 02		-3.278E-01	-5.274E-02
3.000	0.0	209.0		12.35	-1.001E-02	-1.289E-03	4.591E 02	3.765E 02	-3.052E-01	-3.928E-02
3.100	0.0	227.3		12.36		-1.422E-03	4.581E 02		-3.292E-01	-4.333E-0
3.200	0.0	246.0		12.35	-1.080E-02	-8.694E-04		3.766E 02	-3.291E-01	-2.650E-02
3.300	0.0	269.1		12.35	-1.084E-02	-1.722E-03	4.571E 02		-3.3036-01	-5.240F-02
3.400	0.0	283.5		12.35	-1.078E-02	-1.7116-03	4.5636 02	3.7656 02	-3.247E-01	-5.214E-02
3.500	0.0	302.4		12.33	-1.127E-02	-1.920E-03	4.561E 02		-3.435E-01	-5.853E-02
3.600	0.0	320.8		12.33	-1.137E-02	-1.736E-03	4.551E 02		-3.466F-01	-5.291E-02
43.700	0.0	339.7	1.002E 00	12.33	-1.179E-02	-1.895E-03		3.7598 02	-3.5946-01	-5.775E-02
63.800	0.0	330.7		12.33	-1.099 F-02	-2.260E-03	4.545E 02		-3.349E-01	-6.888E-02
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EXPERIMENTAL CATA

CATA PARAMETERS 10 . 49 MREC . 45 MCHN . 6000 KV . 4.740E-01 KA . 4.560E-01	HETRIC UNITS ACCEL.	CH/SEC CH/SEC/SEC	02 -4.0546-01 -1.	02 -3.512E-01 -1.9	02 -3.610E-01 -1	02 -3.865E-01 -1.5	02 -3.936E-01 -		02 -3.747E-01 -	1- 10-3-6746-01 -1	3.520E-01	02 -3.177E-01 -	02 -3.572E-01 -	02 -3.839E-01 -	02 -3.7226-01 -1.	02 -3.5836-01 -1.429	02 -3.2336-01 -1.306	02 -3.763E-01 -1.567	1- 10-3000 - 2000	02 -3.630E-01 -1.625	02 -3.779E-01 -1.	02 -3.6696-01 -1.	02 -3.332E-01 -1.474	02 -3.1938-01 -1.285	02 -3.808E-01 -1.2	02 -3.5546-01 -1.	02 -3.673E-01 -1.597	02 -3.533E-01 -1.266	
OR PARAMETERS TUDE, INCH 0.10 ENCY, HZ 1.50	TENSICN LENGTH	GRAP CM		22E 02	4.528E U2 2.200F	65	70	4.425E 02 2.199E	20	70		E 02	05	4.392E 02 2.201E	05	E 02	05	605E		3466	05	05		70	4.364E 02 2.203E	E 02	386E 02		4.665E 02 2.204
ANDE ANPLITUDE, FREQUENCY,	ACCEL.	FT/SEC/SEC	-5.820E-03	•	-5-758E-03	-5.219E-03	-6.070E-03	-5.339E-03	-5.207E-03	-4.609E-03	-4-40E-03	-4.464E-03	-4.272E-03	-4.361E-03	-4-551E-03	-4-690E-03	-4.283E-03	-5.1416-03	14.907E03	-5.333E-03	-5.321E-03	-4-667E-03	-4.837E-03	50-31 17-4-	-3.9636-03	-5.001E-03	'	•	-4-127E-03
NYLON 1-00 2-00 0-0 5-00 5-00	ENGLISH UNITS	FT/SEC	-1.330E-02	-283E-	-1.2855-02	-1.268E-02	-1.291E-02	-1.208E-02	-1.2296-02	-1.206E-02	-1-155E-02	-1.2396-02	-1.172E-02	-1.2596-02	-1.2216-02	-1.1756-02	-1.061E-02	-1.2346-02	-1-2016-02	-1.1916-02	-1.240E-02	-1.2106-02	-1.093E-02	-1.048E-02	-1.249E-02	-1.166E-02	-1.205E-02	-1.1595-02	-1.202E-02
FP S2	L ENGTH	E	7.21	7.22	1.23	7.21	7.20	7.21	7.22	7.23	7.24	7.25	7.23	7.22	7.23	1.23	7.23	7.22	200	7.22	7.22	1.22	7.23	7.24	7.23	7.23	7.24	7.23	1.63
CABLE MATERIAL CERCION CECEERATION, FE VELCCITY, FPS CECEERATION, FR RUN TIME, SEC. INITIAL LENGTH, FINAL LENGTH, FINAL LENGTH,	TENSICN	188	9.8586-01	9.7486-01	1.0356 00	1.034€ 00	1.011E 00	9.756E-01	9.6436-01	9.9496-01	1.0336 00	1.016€ 00	9.817E-01	9.6835-01	9.859E-01	1.019€ 00	1.035E 00	1.0156 00	9-647F-01	9.581E-01	9.822E-01	1.012E 00	1.032E 00	9.930E-01	9.621E-01	9-7206-01	9.669E-01	1.006E 00	1.02%E UU
TOCT COCT COCT COCT COCT COCT COCT COCT	oscı.	ANGLE	177.1	45.9	150.9	203.8	256.7	231.5	38.6	90.3	163.0	246.4	9.862	282.3	82.0	134.3	187.2	238.8	330.0	30.7	73.2	124.6	176.5	280-2	329.8	100.0	61.6	115.0	1001
	2	TINE	0.0	•		0.0	0.0	000	0.0	0.0		0.0	0.0		0.0	0.0	0.0	•••			0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0
TEST NG.	RCDR	SEC	0.0	0.100	0.300	00+0	0.500	00.700	0.800	0.900	1.100	1.200	1.300	200	009-	1.700	1.800	1.900	2000	2.200	5.300	5.400	2.500	2000	2.800	2.900	3.000	3.100	3.200

EXPERIMENTAL DATA

8886	888
7.25	7.23
00 7.24 -1.120E-02 00 7.23 -1.190E-02 -01 7.22 -1.238E-02 -01 7.23 -1.236E-02 00 7.23 -1.236E-02 00 7.23 -1.236E-02 00 7.23 -1.186E-02	000 1.22 1.22 1.23 1.23 1.23 1.23 1.23 1.23 1.23
000 7.25 000 7.25 000 7.25 000 7.25 001 7.25 001 7.25	000 7.25 000 7.25 000 7.25 000 7.25 001 7.25 001 7.25
7.23 7.23 7.23 7.23 7.23 7.24 7.25 7.25 7.25 7.25 7.25 7.25 7.25 7.25	100 100 100 100 100 100 100 100 100 100

EXPERIMENTAL DATA

ACOR		- 1000	NO I CHAI	LENGTH	VELOCITY	ACCEL.	LENSICA	LENGIA	VELOCITY	ALLEL
200	SFC	990	188	11	FT/SEC	FT/SEC/SEC	GRAP	5	CP/SEC	CM/SEC/SEC
	0.0	34.6	9.6566-01	7.26	-1.1116-02	-4-370E-03	4.3588 02		-3.386E-01	-1.332E-01
	0.0	106.6	9.981E-01	7.25	-1.074E-02	-4.094E-03			-3.274E-01	
	0.0	159.3	1.031E 00	1.24	-1.081E-02	-4-194E-03	_		-3.256E-01	-1.278E-01
	0.0	211.6	1.020€ 00	7.24	-1.003E-02	-4.047E-03		2.206E 02	-3.056E-01	-1.2335-01
	0.0	262.1	1.006F 00	7.23	-1-175E-02	-4.704E-03	_		-3.582E-01	-1.434E-01
	0.0	313.1	9.747E-01	7.22	-1.167E-02	-4.4876-03	4.421E 02		-3.558E-01	-1.367E-01
	0.0	189.7	9.7906-01	7.24	-1-1496-02	-4.564F-03			.503	-1.391E-01
	0.0	***	9.6765-01	7.25	-1-109E-02	-4.740E-03		6	-3.382E-01	-1.445E-
	0.0	96.5	-37.00	7.25	-1.0336-02	-4.428F-03		05	-3.147E-01	-1.350E
	0.0	147.1	1.627E 00	7.26	-9.920E-03	-3.6546-03	66 1E	07	-3.024E-01	-
	0.0	200.	1.027E 00	7.26	-9.003E-03	-3.685E-03		05	-2.744E-01	-
	0.0	253.0	1.011E 00	7.24	-1.013E-02	-3.952E-03		.266E 02	-3.067E-01	-
	0.0	303.2	-	7.25	-1.064E-02	-3.579E-03		.209E 02	-3.244E-01	-1.091E-
	0.0	273.9	-	7.25	-1.155E-02	-3.88 EE-03		-210E	-3.519E-01	-1.185E-01
	0.0	32.0	9.5536-01	7.27	-1.055E-02	-3.869E-03	333E	.217E	-3.216E-01	-1.179E-01
	0.0	85.2		7.26	-1.103E-02	-3.565E-03	-	-214E	-3.361E-01	-1.087E-01
	0.0	137.1	1.021E 00	7.25	-1.059E-02	-3.986E-03	-	.211E	.228	-1.215E-01
	0.0	189.2	0	7.25	-9.640E-03		671E	-209E	-2.538E-01	25 EF
	0.0	240.5	0	7.24	-1.115E-02	-4.050E-03	6136	-2CBE	-3.358E-01	234E-
9.900	0.0	292.3	9.842E-01	7.23	-1.090E-02	-4.481E-03		. 203E	-3.321E-01	-1.366F-0
	0.0	341.5	9.590E-01	7.23	-9.382E-03	-4.094E-03	350E		.860	-1.248E-01
	0.0	21.0	61 BE	7.24	-1.103E-02	-4.901E-03		.2C7E	-3.363E-01	-1.494E-01
	0.0	73.1	9.7846-01	7.24	-1.068E-02	-4.445E-03		2.20EE 02	-3.256E-01	-1.355E-0
	0.0	126.6	0	1.24	-1.034E-02	-4.595E-03		. 206E	-3.151E-01	-1.401E-0
	0.0	180.7	1.0316 00	7.24	-1.024E-02	-4.230E-03		.207E	-3.122E-01	-1.289E-0
	0.0	233.7	3610	7.25	-9.530E-03	-4.127E-03		.2CSE	-2.905E-01	-1.258E-0
	0.0	284.6	877E-	7.26	-9.834E-03	-4.356E-03			-2.997E-01	-1.328E-01
	0.0	334.2	9.629E-01	7.25	-1.083E-02	-4.286E-03			-3.301F-01	-1.306E-01
	0.0	4.59	9.6436-01	7.26	-9.559E-03	-4.585E-03			-2.913E-01	-1.3996-01
	0.0	54.5	-	1.25	-1.0136-02	-3.894E-03			-3.086E-01	-1.187E-01
	0.0	116.8	0	7.25	-1.018E-02	-4.169E-03			-3.102E-01	-1.271F-01
	0.0	1.001	.033E 0	7.25	-9:136E-03	-3.702E-03			-2.785E-01	-1.128F-01
	0.0	1.622	.024E	7.25	-9.376E-03	-4.122E-03	7		-2.858E-01	-1.256F-01
	0.0	279.2	9.936E-01	7.25	-9.552E-03	-4.203E-03			-3.033E-01	-1.201F-0
	0.0	332.3	-3665 ·	1.24	-1.124E-02	-4.328E-03			-3.425E-01	1.
	0.0	65.6	-9409·	7.24	-1.013E-02	-4.623E-03			-3.089E-01	.!.
	0.0	9.99	- 3446-	7.23	-1.091E-02	-4.793E-03			-3.326E-01	.1.
	0.0	118.6	9.757E-01	7.24	-8.540E-03	7.802E-02		2.207E 02	1	2.376E 00
	0.100	170.4	.166E-0	7.25	4.013E-02	7.252E-01			1.223E 00	
	0.200	223.3	.039E	7.27		1.165E 00			4.324E 00	
	0.300	276.1	7	7.30	2.586E-01	1,160€ 00	-			
	0.400	325.2	~	7.35	.637	1.031E 00				
	0.500	129.5		7.42	4.592E-01				1.400E 01	
	0.600	56.4	8.8296-01		5.471E-01	8.748E-01			1.6688 01	
	0.100	110.0	-		6.313E-01	8.659E-01	4156		1.924E 01	
								-	Ü	

EXPERIMENTAL DATA

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SEC	SEC	ANGLE	188	Ħ	FT/SEC	FT/SEC/SEC	***	8	C#/SEC	CM/SEC/SEC
009-	0.900	214.1	9.6C7E-01	1.12	7.991E-01	8-589E-01	_	2.353E 02	2.436E 01	2.618E 01
.700	1.000	264.7	9.450E-01	7.82	837E-	8-681F-01	4.286E 02	2.384E 02		
12.800	1.100	315.2	8.856E-01	16.7	119.	8-724E-01	4.017E 02		2.548E 01	2.659E 0
006.	1.200	174.6	9.107E-01	6.03		8-679E-01		2.449E 02		2.645E 0
000.	1.300	47.0	8.90 TE-01	8.14		8-626E-01		2.482E 02		2.629E 0
.100	1.400	9.86	9.062E-01	8.25	1.217E 00	8-626E-01	4.1198 02	2.516E 02		2.629E 0
.200.	1.500	152.3	9.515E-01	8.38		8.676E-01		2.554E 02	3.967E 01	2.644E 0
.300	1.600	206.6	9.417E-01	8.52	386E	8-615E-01				2.626E 0
004.	1.700	259.2		8.69		587				2.617E 0
.500	1.800	311.6	6.758E-01	8.85	ш	910		36 ? B.		2.624E 0
009	1.900	199.4	8.753E-01	9.03			3.970E 02	2.751E 02	4.999E 01	2.604E 0
. 700	2.000	44-1		9.22		7.263E-01		81 DE		2.216F 0
800	2.100	95.9		9.38	777	3.776F-01		A60F	5.400F 01	1.1516
006	2.200	148.4	9-236F-01	0.55	7895	9.51 0F-02	18	9010	5.4526 01	2.899F 0
000	2.300	100.7		9.74		-2.2836-02	4.3456 02	3878	5.453E DI	-A-958E-0
001	2.400	240.4		0.0	7866		4. 3346 02	910		
200	2.500	301.0	8 931E-01	10.00		-	4.0416.02	9446	5.4116 01	3486
300	2.400	262.3	0 1626-01	10.24			4 1616 02		2 4346 01	
200	2000	26.30	0 9795				4 0375 03			20000
000	2000	2000		74.01		CO-2077-C-	******	3111		-1.632E-
2000	000.7	1000		10.58		60-755-03	4-120e 02	3077	20 326 01	;
200	2.900	0.661	10-300C-6	200	1.750 00	3.00	4.514t 02	36.77	20 3757	
200	3.000	19101	10-346-6 0 500E 01	10.33		2 0235 03	4.300F 02			1
200	3.100	643.4	3.500E-01	11.10	1806	-4.025-03	4.309E 02	3705	10 3026-0	-10101
006-	3.500	2000	•	11.65			40 14 3E 04	1305	10 3676-6	-1.054
000-	3.300	350.6		11.43		3.404-03	4.003E 02	1036	10 3824-6	1.037E-0
001.	3.400	0.62	ī	11.05		-	** 001E 02		30431E 01	-2.1391-0
. 200	3.500	77.5	1	11.82		1.0656-03	4-125E 02		5.4276 01	3.308E-0
.300	3.600	129.0		11.98		-6.930E-04	4.245E 02			-2-112E-0
.400	3.700	180.3		12.14		-4°1111E-03	4.364E 02	300	5.430E 01	-1.253E-0
.500	3.800	231.2	9.629E-01	12.31		2.605E-03	4.368E 02		5.434E 01	7.940F0
009.	3.900	281.6		12.49		-3.974E-03	4-175E 02		5.436E 01	-1.211E-0
. 700	4.000	331.1	.956E	12.67		1.5256-03	4.062E 02		5.431E 01	4.649FD
.800	4.100	87.5	•	12.88		Š	0		5.4336 01	-1.615F0
006-	4-200	63.2	.91 TE	13.05		-4,400E-03	4.045E 02		5.431E 01	-1.341E-01
0000	4.300	116.1	9.249E-01	13.22		3.7496-03	4.195E 02	4.029E 02	5.425E 01	1.1435-01
.100	4.400	168.6	9.695E-01	13.39	1.779E 00	-2.012E-03	4.398E 02	4.001E 02	5.424E 01	-6.133F-0
-200	4.500	220.8	-508E	13.58			4.313E 02		5.420E 01	
.300	4.600	271.2	.246E	13.76	780E		0			-1.008E-01
004-	4.700	321.2	.042E	13.93		7	0	245E	5.420E 01	-2.792E-01
16.500	4.800	143.6	.043E	14.09	778£	-4.923E-03	0		5.421E 01	-1.501F-0
009.	4.900	91.0	-864€	14.27		-5.620E-03	4.021E 02	7	5.432E 01	-1.774E-01
6. 700		104.1	- 1 80E	14.44		5	0	403E		1.3716-0
. 800		156.6	-605E	14.63			0	4596	5.430£ 01	1.518F-0
16.900	5.200	209.4	9.7286-01	14.60	1.781E 00	-7.153E-OA	4.413E 02	4.511E 02	5.428E 01	-2-180E-0
000	V					r				
000	и.	70107		7		ĸ.	20 2847		30433E 01	- 1000

EXPERIMENTAL CATA

LBS FT LENGTH LE	100117 100117	ACCEL. 347E-03 4035E-03 4035E-03 4037E-04 1134E-03 4074E-03	CR P C C C P P C C C P P C C P P C C P P C C P P C C P P C C P P C C P P C C P P C C P P C		C / SE C C / SE C C C / SE C C C C C C C C C C C C C C C C C C	ACCEL. CM.SEC/SEC 4.106E-02 -1.569E-03 -1.569E-03 -1.568E-03 2.163E-01 -1.984E-01 -1.984E-01 -1.984E-01 -1.984E-01 -1.984E-01 -1.984E-01 -1.984E-01 -1.984E-01 -1.984E-01 -1.166E-01
LBS FT	. 8888888888888888888888888888888888888	/ SEC/SEC 13.47E-03 1.49E-04 1.49E-05 1.49E-03 1.49E-03 1.49E-03 1.49E-03 1.49E-03 1.49E-03 1.40				CM SEC / SEC
9.025E-01 15.33 9.15E-01 15.67 9.15E-01 15.67 9.573E-01 15.67 9.058E-01 15.67 9.058E-01 16.20 9.058E-01 16.21 9.058E-01 16.23 9.186E-01 17.23 9.35E-01 17.23 9.35E-01 17.42 8.95E-01 17.42 8.95E-01 17.64 8.95E-01 17.96 9.215E-01 18.95 9.215E-01 18.95 9.216E-01 19.96 9.216E-01 19.96 9.216E-01 20.03 8.88E-01 20.03 9.83E-01 20.03 9.896E-01 20.03 9.896E-01 20.03 9.956E-01 20.03 9.956E-01 20.03 9.956E-01 20.03 9.956E-01 20.03 9.976E-01 20.04 9.989E-01 20.06 9.999E-01 20.06 9.999E-01 20.06 9.999E-01 20.06 9.999E-01 20.06 9.999E-01 20.06 9.999E-01 20.06 9.999E-01 20.06	888888888888888888888888888888888888888	33.77E-03 13.5E-04 13.6E-04 13.6E-04 13.76E-03 13.76E-03 14.76E-03				4.106F-02 -1.569F-02 -1.569F-02 -1.676F-01 -1.568F-01 -1.568F-02 -1.566F-01 -
8.575E-01 15.51 9.165E-01 15.67 9.573E-01 15.67 9.058E-01 16.20 9.058E-01 16.37 9.058E-01 16.37 9.186E-01 16.72 9.186E-01 17.23 9.506E-01 17.23 9.506E-01 17.23 9.506E-01 17.64 8.951E-01 17.96 8.951E-01 18.45 9.215E-01 18.66 9.216E-01 19.96 9.216E-01 19.96 9.216E-01 19.96 9.206E-01 20.03 8.836E-01 20.03 9.836E-01 20.03 9.836E-01 20.03 9.836E-01 20.03 9.836E-01 20.03 9.836E-01 20.03 9.836E-01 20.03 9.436E-01 20.78 9.436E-01 20.78 9.436E-01 20.78 9.436E-01 20.78 9.436E-01 20.78 9.436E-01 20.78 9.436E-01 20.78 9.436E-01 20.78	888888888888888888888888888888888888888	13 5 6 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9				-1.569E-02 -1.569E-02 -1.976E-03 -1.976E-03 -1.98E-02 -1.98E-02 -1.56E-01 -1
9.165E-01 15.67 9.573E-01 16.01 9.573E-01 16.01 9.058E-01 16.77 9.018E-01 16.72 9.018E-01 16.72 9.18E-01 17.72 9.315E-01 17.42 8.951E-01 17.42 8.951E-01 17.42 8.951E-01 17.42 8.951E-01 17.96 9.213E-01 18.93 9.213E-01 19.96 9.216E-01 19.96 9.216E-01 19.96 9.216E-01 19.96 9.216E-01 19.96 9.216E-01 20.03 9.834E-01 20.03 9.896E-01 20.03 9.896E-01 20.03 9.896E-01 20.03 9.956E-01 20.03 9.956E-01 20.03 9.956E-01 20.03 9.956E-01 20.03 9.956E-01 20.03 9.956E-01 20.03 9.956E-01 20.03 9.996E-01 20.03 9.996E-01 20.03 9.996E-01 20.03 9.996E-01 20.03 9.996E-01 20.03 9.996E-01 20.03 9.996E-01 20.03 9.996E-01 20.03 9.996E-01 20.03	888888888888888888888888888888888888888	11.4 E-04 12.4 E-03 13.7 E-03 13.7 E-03 14.6 E-03 14.6 E-03 14.6 E-03 15.7 E-03 16.7 E-03 17.7 E-03				1.569f-02 1.569f-02 7.508f-01 7.508f-02 2.163f-02 2.163f-02 2.163f-02 1.150f-01 1.150f-01 1.150f-01 1.150f-01 1.150f-01 1.150f-01 1.150f-01 1.150f-01 2.240f-02
9.358E-01 15.84 9.653E-01 16.01 9.653E-01 16.01 9.058E-01 16.72 9.018E-01 16.72 9.186E-01 17.67 9.365E-01 17.67 9.365E-01 17.67 8.65E-01 17.67 8.65E-01 17.77 8.65E-01 17.77 8.65E-01 17.77 9.407E-01 18.80 9.407E-01 19.86 9.21E-01 19.86 9.21E-01 19.86 9.20E-01 19.86 9.20E-01 19.86 9.20E-01 20.00 8.85E-01 20.00 8.85E-01 20.00 9.43E-01 20.40 8.85E-01 20.40 8.85	888888888888888888888888888888888888888	13 16 - 0.4 13 76 - 0.3 13 76 - 0.4 13 76 - 0.4 13 76 - 0.3 14 76 - 0.3 14 76 - 0.3 17 76 - 0.3 18 76				-5.429E-03 -1.076E-03 -1.506F-02 -1.067F-02 -1.067F-02 -1.150E-03 -1.506F-03 -1.506F-03 -1.506F-03 -1.200F-02 -1.200F-02
9.653E-01 16.01 9.653E-01 16.20 9.058E-01 16.20 9.058E-01 16.72 9.166E-01 17.07 9.26E-01 17.07 9.50E-01 17.42 8.65E-01 17.42 8.65E-01 17.42 8.65E-01 17.42 8.65E-01 17.42 8.65E-01 17.42 8.65E-01 17.42 9.21E-01 17.42 9.42TE-01 19.66 9.21E-01 19.86 9.21E-01 19.86 9.20E-01 19.86 9.20E-01 19.86 9.20E-01 19.86 9.20E-01 20.03 8.85E-01 20.03 9.489E-01 20.40 8.89E-01 20.40 8.95E-01 20.40 8.95E-01 20.40 8.95E-01 20.40 8.95E-01 20.40 8.95E-01 20.40 8.95E-01 20.40 9.69E-01 20.40 9.69E-01 20.40 9.69E-01 20.40 9.69E-01 20.40 9.69E-01 20.40		1134F-03 947F-04 937F-04 118F-03 11				-1.876F-01 -2.163F-02 -2.689F-02 -1.984F-01 -1.189F-01 -1.56F-01 -1.56F-01 -1.56F-01 -1.56F-01 -1.580F-01 -1.280F-01
9.573E-01 16.20 9.058E-01 16.37 9.018E-01 16.53 9.18E-01 16.68 9.35E-01 17.27 1.620E-01 17.23 9.500E-01 17.42 8.951E-01 17.42 8.95E-01 17.77 8.669E-01 17.77 9.427E-01 18.45 9.427E-01 18.45 9.427E-01 18.45 9.427E-01 18.66 9.51E-01 19.86 9.51E-01 19.86 9.54E-01 20.03 8.85E-01 20.03 9.896E-01 20.04 9.699E-01 20.40 9.699E-01 20.40 9.699E-01 20.40 9.699E-01 20.40 9.69E-01 20.40 9.69E-01 20.40 9.69E-01 20.40 9.69E-01 20.40 9.69E-01 20.40 9.69E-01 20.40 9.69E-01 20.40	888888888888888888888888888888888888888	13.46 - 0.0				200000000000000000000000000000000000000
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9.018E-01 16.53 9.108E-01 16.72 9.106E-01 17.07 1.00E-01 17.23 1.00E-01 17.42 8.95E-01 17.42 8.95E-01 17.42 8.95E-01 17.42 8.995E-01 18.14 9.276E-01 18.45 9.47E-01 18.66 9.216E-01 19.66 9.216E-01 19.66 9.20E-01 19.66 9.20E-01 19.66 9.20E-01 19.66 9.20E-01 20.07 9.49E-01 20.07 8.896E-01 20.07 8.896E-01 20.07 9.499E-01 20.40 8.96E-01 20.40 9.49E-01 20.40 9.49E-01 20.40	888888888888888888888888888888888888888	1376-04 13186-03 14676-03 1474-03 12746-03 13746-03 1386-03 1086-03				2444 2444 2444 2444 2444 2444 2444 244
8.969E-01 16.72 9.316E-01 16.88 9.316E-01 17.23 19.506E-01 17.42 8.951E-01 17.42 8.955E-01 17.95 9.215E-01 18.45 9.427E-01 18.45 9.427E-01 18.45 9.427E-01 19.66 9.216E-01 19.89 9.21E-01 19.86 9.21E-01 19.86 9.21E-01 19.86 9.21E-01 20.03 9.21E-01 20.03 9.21E-01 20.03 9.31E-01 20.40 8.896E-01 20.40 8.896E-01 20.40 9.499E-01 20.40 9.499E-01 21.29 9.499E-01 21.29 9.496E-01 21.45	888888888888888888888888888888888888888	318F-03 - 46F-03 - 46F-03 - 249F-03 - 249F-03 - 138F-04 - 138F-04 - 108F-03 - 108F-04 - 108F-03 - 108F-04 - 10			25 C C C C C C C C C C C C C C C C C C C	984 984 968 968 968 968 968 968 968
9.186E-01 16.88 7.526E-01 17.23 9.500E-01 17.42 8.951E-01 17.42 8.678E-01 17.42 8.678E-01 17.42 8.678E-01 17.42 8.695E-01 18.45 9.407E-01 18.45 9.407E-01 18.45 9.407E-01 18.66 9.216E-01 19.96 9.216E-01 19.86 9.204E-01 19.86 9.546E-01 20.03 8.856E-01 20.04 8.856E-01 20.40 8.856E-01 20.40 9.489E-01 20.40 8.856E-01 20.40	3030303030303303	510F-03 2749F-03 374F-03 134F-03 134F-03 134F-03 105F-03 108F-03 175F-04 467F-03 175F-04 175F-03 175F-03			252466666666666666666666666666666666666	984 943 943 966 366 366 366 366 366 366 366 366 36
9.365E-01 17.67 9.50E-01 17.23 8.55E-01 17.42 8.678E-01 17.42 8.658E-01 17.42 8.658E-01 17.77 8.669E-01 17.77 9.407E-01 18.30 9.407E-01 18.65 9.427E-01 18.65 9.510E-01 19.66 9.521E-01 19.86 9.57E-01 19.86 9.57E-01 19.66 9.56E-01 20.60 8.89E-01 20.60 8.89E-01 20.60 9.489E-01 20.78 9.43E-01 21.22 9.43E-01 21.45 9.60E-01 21.62	888888888888888				100 100 100 100 100 100 100 100 100 100	246.36.47
\$\begin{align*} \text{6.626-01} & 17.23 & 1.8 & 0.506-01 & 17.42 & 1.8 & 0.506-01 & 17.42 & 1.8 & 0.506-01 & 17.42 & 1.8 & 0.506-01 & 17.77 & 1.8 & 0.506-01 & 18.45 & 1.8 & 0.506-01 & 18.45 & 1.8 & 0.506-01 & 18.45 & 1.8 & 0.506-01 & 18.45 & 1.8 & 0.506-01 & 18.45 & 1.8 & 0.506-01 & 18.45 & 1.8 & 0.506-01 & 18.45 & 1.8 & 0.506-01 & 19.46 & 1.8 & 0.506-01 & 19.46 & 1.8 & 0.506-01 & 19.46 & 1.8 & 0.506-01 & 1.8 &	868888888888888888888888888888888888888	**************************************			1256 1256 1256 1256 1256 1256 1256 1256	1.150 1.943 1.943 1.105 1.105 1.288
9.500E-01 17.42 8.951E-01 17.61 8.669E-01 17.77 8.956E-01 17.95 9.215E-01 18.45 9.427E-01 18.45 9.427E-01 18.65 9.210E-01 18.65 9.210E-01 19.19 8.836E-01 19.86 9.221E-01 19.86 9.221E-01 19.86 9.54E-01 20.03 9.54E-01 20.03 9.54E-01 20.03 9.54E-01 20.03 9.69E-01 20.03 9.43E-01 20.40 9.43E-01 20.40 9.43E-01 20.40 9.43E-01 20.40 9.43E-01 20.40 9.43E-01 20.40 9.43E-01 20.40 9.43E-01 20.40 9.43E-01 20.40	888888888888888888888888888888888888888				1256 1276 1276 1276 1276 1276 1276 1276	1.943 1.943 1.105 1.105 1.289 1.289
8.951E-01 17.61 8 8.678E-01 17.77 8 8.678E-01 17.77 11 8.995E-01 18.14 11 9.215E-01 18.45 11 9.215E-01 18.65 11 9.216E-01 19.66 11 8.884E-01 19.19 11 8.884E-01 19.35 11 9.521E-01 19.50 11 8.884E-01 19.66 11 9.546E-01 20.03 11 8.896E-01 20.04 11 8.896E-01 20.04 11 8.896E-01 20.06 11 9.489E-01 20.78 11 9.499E-01 21.65 11	288888888888888888888888888888888888888			23449 23449 23446 2346 234	1236 1236 1236 1236 1236 1236 1236	1.943 1.566 1.105 1.105 1.288 2.248
8.678E-01 17.77 1 8.669E-01 17.77 1 9.995E-01 18.30 19.30 19.407E-01 18.30 19.40 19.40 19.40 19.40 19.40 19.40 19.40 19.40 19.50 19.	888888888888888888888888888888888888888	mm44444m4.		2324 2324 2324 2324 2324 2324 2324 2324	1256 1276 1276 1276 1276 1276	9.306 1.105 3.37 5.70 1.28 2.24
8.669E-01 17.96 8.995E-01 18.14 9.427E-01 18.45 9.427E-01 18.45 9.427E-01 18.65 9.210E-01 19.00 8.845E-01 19.35 9.221E-01 19.35 9.221E-01 19.66 9.54E-01 20.03 8.896E-01 20.06 9.123E-01 20.06 9.489E-01 20.40 9.489E-01 20.40 9.489E-01 20.40 8.943E-01 20.40 9.499E-01 20.40 9.499E-01 20.40 9.499E-01 20.40 9.499E-01 20.40 9.499E-01 20.40 9.499E-01 20.40	88888888888	m		5230 5230 5230 5246 5246 5246 5246 5246 5246 5246 5246	4346 4276 4276 4276 4256	9.306 1.105 3.37 5.70 1.28 2.24
8.995E-01 18.14 9.215E-01 18.30 9.427E-01 18.45 19.510E-01 18.65 8.885E-01 19.00 8.875E-01 19.35 9.221E-01 19.35 9.521E-01 19.86 9.54E-01 20.03 9.54E-01 20.03 9.896E-01 20.40 8.85E-01 20.40 9.489E-01 20.40 9.489E-01 20.40 9.489E-01 20.40 8.85E-01 20.40 9.489E-01 20.40 9.499E-01 21.25 9.975E-01 21.45 9.96E-01 21.45	888888888888888888888888888888888888888			5346 5466 7466 7466	127E 127E 127E 125E 125E	3.37 3.37 5.70 1.28 2.24
9.215E-01 18.30 9.407E-01 18.45 9.210E-01 18.66 19.210E-01 19.66 19.221E-01 19.35 19.221E-01 19.35 19.54E-01 19.66 19.54E-01 20.03 19.83E-01 20.03 19.89E-01 20.04 19.489E-01 20.78 19.489E-01 20.78 19.489E-01 20.78 19.489E-01 20.78 19.489E-01 20.78 19.43E-01 20.78 19.43E-01 20.78 19.43E-01 20.78 19.43E-01 20.78 19.43E-01 20.78	888888888888888888888888888888888888888	.108E-03 .870E-03 .225E-03 .375E-04 .892E-03 .467E-03		7.5624 7.466 7.466 7.466 7.466	127E 127E 125E 125E	3.376E-02 5.701E-02 -1.288E-01 2.248E-02
9.407E-01 18.45 9.427E-01 18.66 9.216E-01 19.00 8.87E-01 19.19 9.221E-01 19.50 9.521E-01 19.66 9.564E-01 19.66 9.564E-01 20.03 8.834E-01 20.40 8.896E-01 20.40 8.896E-01 20.40 9.489E-01 20.40 9.489E-01 20.40 9.489E-01 20.40 8.99E-01 20.40 8.99E-01 20.40 9.49E-01 20.40 9.49E-01 20.40 9.49E-01 20.40 8.99E-01 20.40 9.49E-01 20.40 9.49E-01 20.40	8888888	.870E-03 .225E-03 .375E-04 .892E-03 .467E-03		7466 7466 7466 8486	22E 25E	5.701E-02 -1.288E-01 2.248E-02
9.427E-01 10.66 8.84E-01 19.00 8.767E-01 19.00 8.877E-01 19.35 9.221E-01 19.56 9.571E-01 19.66 9.576E-01 19.66 9.506E-01 20.03 8.836E-01 20.40 8.896E-01 20.40 8.896E-01 20.40 9.43E-01 20.40 9.499E-01 20.40 9.43E-01 20.40 9.43E-01 20.40 8.896E-01 20.40 8.896E-01 20.40 8.896E-01 20.40 8.996E-01 20.40 9.496E-01 20.40 9.496E-01 21.12	888888	.225E-03 .375E-04 .892E-03 .467E-03		740E	35E	2.2486-02
9.210E-01 18.03 1 8.884E-01 19.00 1 8.876E-01 19.00 1 8.877E-01 19.35 1 9.221E-01 19.56 1 9.201E-01 19.86 1 9.204E-01 20.22 1 8.896E-01 20.40 8.896E-01 20.40 1 8.896E-01 20.40 1 8.996E-01 20.40 1 9.489E-01 20.40 1 9.499E-01 21.29 1 8.996E-01 21.29 1 8.996E-01 21.45 1 8.996E-01 21.45 1 8.996E-01 21.62	888888			74CE 790E	25E	2.2485-02
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8.877E-01 19.35 1 9.221E-01 19.50 1 9.54E-01 19.66 1 9.54E-01 20.03 1 8.83E-01 20.40 1 8.85E-01 20.40 1 9.123E-01 20.40 1 9.43E-01 20.40 1 9.43E-01 20.40 1 9.43E-01 21.12 1 9.97E-01 21.29 1	888	•				-1.362E-01
9.2216-01 19.50 1 9.5716-01 19.66 1 9.5046-01 20.03 1 8.8346-01 20.22 1 8.8966-01 20.40 1 8.8966-01 20.40 1 9.1236-01 20.40 1 9.4896-01 20.40 1 9.4396-01 21.12 1 9.9766-01 21.45 1 8.9366-01 21.63 1	98	•		•	5.426E 01	-6.491E-02
9.571E-01 19.66 1 9.564 9.564E-01 19.86 1 9.864 1 9.86		•		5.545E 02	5.426E 01	-3.266E-02
9.564E-01 19.86 1 9.204E-01 20.03 1 9.84E-01 20.03 1 9.89E-01 20.40 1 9.489E-01 20.78 1 9.499E-01 21.12 1 9.006E-01 21.45 1 9.99E-01 21.45 1 8.93E-01 21.62 1	3	•		663	5.424E 01	1.3896-01
9.204E-01 20.03 11 8.834E-01 20.40 18.858E-01 20.40 19.13E-01 20.40 19.489E-01 20.96 19.489E-01 21.12 19.43E-01 21.45 19.96E-01 21.63 11	780E 00 -	•		6.052E 02	20	-1.025E-01
8.896E-01 20.22 1 8.896E-01 20.40 1 9.128E-01 20.40 1 9.489E-01 20.78 1 9.489E-01 21.12 1 9.060E-01 21.45 1 8.996E-01 21.63 1 1	00	•	1.175E 02	6.107E 02	33	-8.848E-02
8.896E-01 20.40 1 8.856E-01 20.60 1 9.128E-01 20.96 1 9.489E-01 20.96 1 9.438E-01 21.12 1 9.060E-01 21.45 1 8.936E-01 21.83 1	00	•		6.162E 02		-9.722E-02
8.858E-01 20.60 1 9.123E-01 20.78 1 9.632E-01 21.12 1 9.433E-01 21.29 1 9.060E-01 21.45 1 8.936E-01 21.62 1	00	•		=	131E	-1.712E-01
9.123E-01 20.78 1 9.489E-01 20.96 1 9.433E-01 21.12 1 9.474E-01 21.29 1 9.060E-01 21.62 1	8			518	_	-1.298F-02
9.489E-01 20.96 1 9.632E-01 21.12 1 9.43E-01 21.29 1 9.974E-01 21.45 1 8.936E-01 21.63 1	00	2.023E-03 4.1		6.333E 02	5.429E 01	7
9,632E-01 21.12 1 9,433E-01 21.29 1 9,974E-01 21.45 1 9,060E-01 21.62 1	00	*		6.390E 02		-1.748E-02
9.438E-01 21.29 1 8.974E-01 21.45 1 9.060E-01 21.62 1 8.936E-01 21.83 1	8	•		37E		-0.882E-02
8.974E-01 21.45 1 9.060E-01 21.62 1 8.936E-01 21.83 1	00	•		490	1	1.518E-02
9.060E-01 21.62 1 8.936E-01 21.83 1	00	•		336E	5.427E 01	1.1516-01
8.936E-01 21.83 1	00	6E-03		. 590E		-7.363F-02
	00 3	•	053E 02	6.652E 02	5.4346 01	-4.793E-02
9.206E-01 21.99 1	00	10E-03		- 702E	111	-1.213E-01
9.512E-01 22.14 1	00	17E-03			•	-1.974E-01
9.606E-01 22.29 1	00	•		. 795E	276	9.247E-03
9.5286-01 22.47 1		•		6.850E 02	432E	5.039E-02
	- 00	•		.904E	•	-4.717E-02
8.995E-01 22.84	00	•		- 962E	5.431F 01	-1.9716-01
A.778F-01 23.03		736-03	1.582F 02	7.0216 02	4366	9125
0.1185-01 23 33		84.75-03		7		•

EXPERIPENTAL CATA

RCOR	RUN	ANGL F	TENSTON	LENGTH	VELUCITY	ALCEL.	TENSICA	LENGTH	VELOCITY	ACCEL.
SEC	SEC	DEG	1.85	F	FT/SEC	FT/SEC/SEC	GRAP	ð	CP/SEC	CM/SEC/SEC
91.800	10-100	148.2	9.517E-01	23.37		4.335E-03	4.3176 02		5.431E 01	1.3235-01
006-17	10.200	201.9	.1.	23.55	1.781E 00	3.103E-03	-	7.177E 02	-	9.459E-02
55.000	10.300	254.2	9.590E-01	23.73		-9.324E-04			w	2
55-100	10.400	303.3	111	23.90		-5.360E-03	4-157E 02		316	-1.6346-01
22.200	10.500	249.7	8.988E-01	24.05		-5.129E-03	4.077E 02		36	-1.563E-01
22.300	10.600	35.1	ш	24.25		-5.536E-03	4.015E 02		15E	-1.687E-0
55.400	10.700	85.5		24.43		1.019E-03	4.1:2E 02		35	3.105E-0
22.500	10.800	136.4	ш	24.58		1.122E-03	4.3C6E 02		316	3.4150
22.600	10.900	188.8	9.677E-01	24.74	1.781E 00	1.6648-03	4.389E 02		-	5.073E-0
22.700	11.000	240.€	w	24.92		-3.8136-04	4.3738 02			-1.162E-C
55.800	11.100	291.7	44.1	25.09		-3.443E-03	4.215E 02	949E	362	-1.049E-0
2.900	11.200	339.1	w	25.25		-1.781E-03	4.063E 02			-5.429E-0
3.000	11.300	21.6		25.47		-2.831E-03	4.016E 02	763E	366	-8.627E-C
23.100	11.400	74.5		25.63		7.570E-04	4.085E 02	1136	1346	2.3076-0
3.200	11.500	127.1	441	25.81		-2.783E-03	4.258E 02		326	-8.483E-0
3.300	11.600	178.8		25.98		-2.920E-03	.4.429E 02		28E	-1.899E-0
3.400	11.700	229.6		26.15		-1.444E-03	4.387E 02			-4.403E-0
3.500	11.800	1-182		26.34	1.782E 00	-7.988E-04	4.1736 02			-2.435E-0
009.€2	11.900	331.4		26.92		7.515E-05	4.0156 02	_	362	2.290E-C
23.700	12.000	78.0	444	26.73	1.782E 00	-3.78EE-03	4.036E 02		12E	-1.155E-0
3.800	12.100	63.2	1.	16.92	1.783E 00	8.600E-04	4.0856 02		5.433E 01	2.621F-0
53.900	12.200	117.2	ш	27.07		2.864E-03	4.188E 02		306	1.729F-0
000-	12.300	171.0	9.491E-01	27.22	1.781E 00	2.032E-04	4.305E 02		38E	6-1935-0
001.4	12.400	254.2	.577E	27.39	-	1.570E-03	4.344E 02			4.785E-0
54.200	12.500	276.4	.364E	27.58	0	-8.071E-05	4.247E 02		36Z	-2.460E-0
54.300	12.600	355€	-3806·	27.75	0	-3.551E-03	4.0406 02		35E	-1.082E-0
54.400	12.700	109.4	1	27.94	782E 0	-7.398E-03	4.014E 02		306	-2.2556-01
54-500	12.800	28.0	ш	28.10	0	-5.369E-03	4.017E 02	_	430E	-1.636F-0
54.600	12.900	109.1		28.27	1.781E 00	1.511E-03	4.1916 02	_		4.606E-C
24- 700	13.000	160.4	ш	28.43	0	2.279E-03	4.3176 02		5.426E 01	6.948E-0
24.800	13.100	214.6	<u>w</u>	28.62	0	1.7656-03	4.3166 02		392	5.378E-0
006.4	13.200	268.7	9.3396-01	28.82	1.782E 00			. 764E		-2.587F-
25.000	13.300	321.1	_	28.57	0	÷.	0746	631E	382	-9.484E-0
25.100	13.400	129.4	946	29.16	Ö	;	0556 0	_	316	-1.244E-01
25.200	13.500	1.66	100	29.37	0	36	93926			-4.759E-C
25.300	13.600	9.901	9.101E-01	29.62	8	4.027E-03	0		430E	1.228F-0
55.400		158.5	. 523	29.68	8	6.207F-04	4.320E 02			1.892E-0
25.500		211.4	9.6936-01	29.83		-3.231E-03	9966	9.093E 02	39	-9.849E-02
0000		7007	- 208E	30.01	181E 00	-3.627E-03	0		4 30E	-1.1056-0
25. 700		312.5	-019E	30-16	8	-4.203E-03	0		425E	-1.201F-
25.800	14.100	199.6	8-888E-01	30.34	780E 00	-1.066E-03	032E 0		425E	-3.249E-0
25.900		43.5		30.54	8	1.069E-03	.904E 0			3.258E-0
56.000		96.8	. 903E	30.71	8	5.077E-03	038E 0	36 2E		1.5475-01
26.100	14.400	147.6	-407E-		1.781E 00	6.708E-04	4.267E 02	*	5.428E 01	446
26.200	14.500	199.0	.651	31.03	1.780E 00	-3.894E-03	0	9.45EE 02	5.425E 01	-1.187E-01

GALCIT REPORT HSWT-1129

EXPERIMENTAL DATA

				VARIABLE	E LENGTH CABLE	LE SYSTEMS DYNAMICS	ANICS				
							A KORTEL STRAIS				
RCOR	RUN	oscr.	TENSTON	LENGTH	SH UNITS -	ACCEL.	TENSICK	LENGTE	VELOCITY	ACC EL.	
TIME	TIME	ANGLE			Total I	10 a 2 a 2 a 2 a 2 a 2 a 2 a 2 a 2 a 2 a					
SEC	SEC	DEG	1.85	F 4	FT/SEC	FT/SEC/SEC	GRAP	t	CW/SEC	CM/SEC/SEC	
26.400	14.700	300.4	-076E-0	31.40		-3-1486-03	.1176			-9.594E-02	
26.500	14.800	277.1	- 198E -	31.57		070		.623	5.427E 01	-9.204E-02	
26.600	14.900	31.5	0-3599·	31.79	783 E	-4.089E-03	.930E	9169	433E	1	
26.700	15.000	84.2	°	31.97		-2.677E-03		3€ 11.	32E	8.161E-	
26.800	15.100	137.1	.328E-0	32.12	1.781E 00	-5.0936-04	.231E	3062 €	428E	1	
26.900	15.200	191.1	P	32.28		-1.035E-03		. 839E	425E	-3.156E-02	
27.000	15.300	242.3	o	32.45		4.033E-03		3258.	426E	1.225F-01	
27.100	15.400	292.9	\$ - 190E-01	32.65		1.584E-03	4.168E 02	. \$53E	5.428E 01	4.827E-02	
27.200	15.500	321.0	8.741E-01	32.82		-3.32 36-03		-000E	424E	-1.013E-01	
27.300	15.600	24.1	8.615E-01	33.02	_	-5.082E-03				-1.5496-01	
27.400	15.700	74.7	8.889E-01	33.19		-2.168E-03				-6.608E-02	
27.500	15.600	126.5	9.321E-01	33.35	ш	4.684E-03				1.428E-01	
27.600	15.900	179.6	9.606E-01	33.50	80E	2.115E-04	4.357E 02			6.4476-03	
27.700	16.000	231.7	9.570E-01	33.69		-2.897E-03	.341E			-8.831E-02	
27.800	16.100	284.3	9.217E-01	33.86		-6.5686-04	. 1816			-2.002E-02	
27.900	16.200	334.5	8.768E-01	34.02		-7.153E-03		1.037E 03	5.424E 01	-2.180E-01	
28.000	16.300	9.55	8.603E-01	34.45		-3.187E-03	.902E			-9.7136-02	
28.100	16.400	68.5	8.761E-01	34.43		-2.282E-04	-914E	1.050E 03	5.431E 01	-4.956F-03	
28.200	16.500	120.4	9.190E-01	14.58		2.2716-03	1691.		1000	6.922E-02	
28.300	16.600	170.1	9.585E-01	34.75	.781E	3.707E-03	.3488		-	1.130E-01	
28.400	16.700	222.9	9.657E-01	34.93		-2.600E-03		1.065E 03		-7.923E-02	
28.500	10.800	213.5	9.409E-01	35.11		1.102E-03	-	OTOE	428E	-359E-	
28.600	16-900	327.2	8-911E-01	35.26		-4.200E-03	-042E	222	425E	-280E-	
20.00	2000		10-3050-0	33.45		-5.992E-03	-	200	367	-10-3929-1-	
28.800	17.200	114.1	9-0136-01	34.63	1.787E 00	1.080E-03	3.907E 02	1-0676 03	5-431E 01	3.2916-02	
20.00	17.300	166.2		36.64		in	34.05	3760	1024	7000	
20.100	17.400	217.5	9.7916-01	36.11	7796	-3.7075-03	4416	1016	5 422E 01	1306-01	
29.200	17.500	268.5		36.29				1.1066 03	1256	1486-	
29.300	17.600	317.2	8.924E-01	36.45	779E	2.388E-03	048	1116	5.424E 01	7.279E-02	
29.400	17.700	164.4	8-772E-01	36.65	781E	-4.136E-03	367 €.		428E	-1.261E-01	
29.500	17.800	50.8	8.628E-01	36.84	318L				430E	-3.012F-02	
29.600	17.900	103.4	-3101·	37.03		-2.032E-03	.1286	367		-6.193E-02	
29. 700	18.000	154.3	9.550E-01			-1.319E-03	.332E	336		-4.021E-02	
29.800	18.100	508.6	.690E			1.667E-03	.395€	139E		5.081E-02	
29.900	18.200	256.7	.5136	37		-1-197E-03		45E	-	-3.648E-02	
30.000	18.300	307.7	9.067E-01			2.165E-03	.1136	SCE	5.423E 01	6.600E-02	
30.100	18.400	231.3	8.911E-01			-6.407E-03	.042€	55E	5.423E 01	-1.9536-01	
30.200	18.500	38.8	8.586E-01	38.10		-4.425E-03	. 855	161		-1.3496-01	
30.300	18.600	91.5	8-836E-01			1.858E-03	-0086	1666		5.786F-02	
30.400	18.700	144.4	9.326E-01	38		2.839E-04	.230E	1716	454E	-653E-	
30.500	18.800	198.0	9.7346-01	38.		5.527E-03	-415E	1766		1.685E-01	
30.600	18.900	250.1	9.688E-01	38	1.780E 00		4.394E 02	2	5.426E 01	~	
30.700	19.000	301.2	9.218E-01	38.		-4.342E-04	. 181E	IFEE	24E	-1.323E-02	
30.800	19.100	258.8	8 - 960E -01	39.	1.780E 00	3.78 8E-			5.424E 01	-1.155E-01	
30.900	19.200	35.0	8.525E-01	39.	-	-5.878E-03	.8678	97E		_	

EXPERIMENTAL DATA

TIME	118	ANGLE	IENSI ON	LENGIN	ALF OF LL	ALLEI.	ICUSICA	LENGIA	VELOCITY	ACCEL.
SEC	SEC	990	1.85	FT	FT/SEC	FT/SEC/SEC	GRAP	\$	CP/SEC	CM/SEC/SEC
31.000	19.300	85.8	8.815E-01	39.33	1.781E 00	4.960E-03	3.5586 02	1.199E 03	5.4286 01	1.5126-01
1000	15.400	136.4	9.350E-01	39.45		-2.307E-03		1.202E 03		-7.033F-02
.200	19.500	189.6	9.7CBE-01	39.65		4.4536-05			5.4246 01	1.3576-03
.300	15.600	244.0	9.632E-01	39.83		-2.243E-03	4.369E 02		5.425E 01	-6.837E-02
004.	19.700	297.9	9.141E-01	40.00		-3.270E-03	4.146E 02		5.425£ 01	-9.568E-02
.500	19.800	265.4	8.714E-01	40.15	1.780E 00	1.825E-03	3.953E 02		5.4246 01	5.573E-0
009-	19.900	33.4		40.37		-2.6776-03		_	5.4316 01	-8-161E-02
. 700	20.000	83.6		40.54		4.2336-03			5.429E 01	1.290E-01
. 800	20.100	135.3		40.70		-6.596E-04		1.240E 03	5.4256 01	-2.011E-02
006.	20.200	186.1		40.87		-3.777E-03			5.422E 01	-1.1516-01
0000	20.300	241.3	9.699E-01	41.05		3.100E-03		1.2516 03		9.450E-02
.100	20.400	293.6	9.271E-01	41.22		-1.567E-03		1.25¢E 03	5.4246 01	-4.176E-0
.200	20.500	318.5	8.734E-01	41.38		3.896E-04		1.261E 03		1.188E-02
.300	20.600	25.1	8.430E-01	19.14		-3.997E-03		1.268E 03		-1.218E-01
004-	20.100	77.2	8.576E-01	41.74	157	-3.632E-03		1.2726 03		
. 500	20.800	129.1	9.056E-01	41.88		1.350E-03		1.2776 03	5.4236 01	4.116F-02
.600	20.900	180.0	9-570F-01	42.04		-3.702F-03		1.2816 03	5.420F 01	-1-124E-01
. 700	21.000	231.6	9.651E-01	42.22		2.421F-03		1.2676 03	5.4236 01	7.380E-02
. 800	21.100	282.3	9.268E-01	42.43	1.780E 00	1.7096-03		1.2936 03	5.426E 01	5-209E-02
.900	21.200	332.4	8.745E-01	42.59		-3.471E-03		1.258E 03		-1.058E-01
33.000	21.300	14.1	8.5446-01	42.81		-1.667E-03		1.305E 03		-5.752E-02
007.	21.400	64.5	8-590E-01	42.98		-4.461E-03		1.310€ 03	5.428E 01	-1.360E-01
.200	21.500	117.5	9.021E-01	43.16	1.780E 00	5.747E-03	4.092E 02	1.215€ 03		1.752E-01
.300	21.600	1.071	9.54E-01	43.31		2.630E-03	4.329E 02	1.320E 03	5.424E 01	8.017E-02
004.	21.700	224.1	9.7636-01	43.48		5.900E-04	4.429E 02	1.325E 03	5.421E 01	1.7986-0
. 500	21.800	276.8	9-491E-01	43.68		1.481E-03	4.305E 02	1.331E 03	5.427E 01	4.513E-0
.600	21.900	327.1	8.852E-01	43.82		-9.132E-03	4.015E 02	1.336£ 03	5.422E 01	-2.783E-01
.700	22.000	103.5	8.524E-01	40.44		-4.615E-03		1.3426 03	5.424E 01	-1.407E-01
33.800	22.100	60.2	8.3436-01	44.21		-6.875E-04		1.3476 03	5.427E 01	-2.095E-02
.900	22.200	112.0	8.837E-01	44.36		4.300E-03	_	1.352E 03	5.424E 01	1.3125-01
000	22.300	162.2	9.465E-01	44. 52		4.854E-03		1.3576 03	5.422E 01	1.4795-01
100	22.400	213.4	9.796E-01	44.67		-5.714E-03		1.362E 03	5.421E 01	-1.742E-01
. 200	22.500	267.0		44.87	7	6.847E-04		1.3686 03	5.425E 01	2.087E-02
.300	22.600	319.2		42.04		-4.041E-03	_	1.3736 03	5.423E 01	-1.232F-01
.400	22.100	150.0	8.657E-01	45.25		-1.3896-03		1.379E 03	5.4246 01	-4.233E-02
. 500	22.800	51.1		45.46		3.0736-03		1.306E 03	5.430E 01	9.365E-02
. 600	22.900	102.4		45.62		-5.455E-03		1.390E 03	5.426E 01	-1.663E-01
. 700	23.000	155.3		45.78		1.045E-03		1.395E 03	_	5.624E-02
. 800	23.100	208.8		45.93		-3.991E-03	4.428E 02	1.400E 03	_	-1.216F-01
- 900	23.200	260.7		46.13	1.780E 00		4.3836 02	1.466 03	5.424E 01	-1.137E-02
.000	23.300	310.0		46.30		3.49 BE-03	4.1326 02	1.4116 03	5.422E 01	1.0665-01
901-9	23.400	236.1		46.47		-4.904E-03	3.947E 02	1.4166 03	5.423E 01	-1.495E-01
.200	23.500	43.1		146.71	1.781E 00	-2.8676-04	3.700E 02	1.424E 03	5.428E 01	-8.738F-03
35.300	23.600	94.8	8.405E-01	46.83	1.780E 00		3.613€ 02	1.4276 03	5.426E 01	7.134
004-	23.700	145.5		46.99	1.779E 00	17	4-100F 02	1.432F 03	5.422E 01	3.283F-0
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EXPERIMENTAL DATA

RCDR	7 N. T.	USCL.	TENSTON	LENGTH	VELOCITY	ACCEL.	TENSICH	LENGTH	VELOCITY	ACCEL.
EC		DEG	1.05	F	FT/SEC	FT/SEC/SEC	GRAP		CP/SEC	CH/SEC/SEC
		250.1	5.693E-01	47.35	1.7796 00	-2.803E-03		1.4438 03	5.422E 01	-8.543E-02
35.700 24	24.000	3000.5	9.291E-01		1.778E 00	5.280E-03	4.214E 02	1.448E 03	21	-360s
		279.1	8.748E-01	47.66	w	-4.487E-03		1.453E 03	5.418E 01	-1.367E-01
		31.0	8.277E-01	16.74	ш	-7.657E-03	3.7546 02	7	5.427E 01	-2.334E-01
		83.2	8.442E-01	48.06		-6.401E-05		1.465E 03		-1.951F-03
		136.1	9.051E-01	48.22	1.779E 00	-2.154E-03		1.470E 03	5.423E 01	-6.566F-02
		186.0	9.648E-01	48.37		5.299E-03		1.4746 03	5.420E 01	1.6156-01
		239.0	9.831E-01	48.55	1.779E 00	1.653E-03		1.480E 03	5.423E 01	5.039E-02
		289.2	9.440E-01	48.73		-9.185E-05		1.485E 03	5.423E 01	-2.7995-03
		339.2	8.748E-01	48.89	778E	-4.857E-03	386	1.450E C3	5.419E 01	-1.480E-01
		24.0	8.282E-01	49.13	780E	-7.985E-03		1.457E 03	5.424E 01	-2.434E-01
		71.5	8.283E-01	49.27	3621	6.827E-03	376	1.502E 03	5.424E 01	2.081E-01
		125.2	8-774E-01	49.41	779E	-1.058E-04		1.50eE 03	5.423E 01	-3.224E-03
		178.5	9.4536-01	16.64		3.671E-03		1.511E 03	5.419E 01	10-1196-01
		231.8	9.760E-01	49.75		1.355E-03	4.427E 02	1.516E 03	5.420E 01	4-134E-02
		284.5		46.64	779E	-6.207E-03		1.522E 03	22E	-1.892E-01
		335.0		50.07		-8.517E-04		1.526E 03	5.4186 01	-2.596F-02
		49.8	8.3546-01	50.30	179E	-6.822E-03		1.533€ 03	5.423E 01	-2.079E-01
		68.2	8.258E-01	50.49	179E	1.364E-04		1.5398 03	5.422E 01	4-157E-03
		120.1	8.790E-01	50.63	1.779E 00	3.2096-03		1.543E 03	5.422E 01	9.781E-02
		172.5	9.505E-01	50.81	778E	-5.283E-03		1.545E 03	5.420E 01	-1.6106-01
		223.6	9.900E-01	50.99	1.778E 00	3.0456-03		1.554E 03	196	9.201E-02
		276.0	9.685E-01	51.18		4.397E-04	4.353E 02	1.56CE 03	5.423E 01	1.340E-02
		328.0		51.35	1.778E 00	2.613E-03	_	1.565€ 03		7.966E-02
		9.99	8.238E-01	51.57	1.780E 00	-6.819E-04	_	1.5726 03		-2.078E-02
		65.9	-	51.75	1.780E 00	-4-417E-03	30E 9	*	5.426E 01	-1.346E-01
		114.4	8.226E-01	51.89	_	4.9576-03	_	1.582E 03	5.422E 01	1.5116-01
		1.791		55.05	_	-3.234E-03	_	1.586E 03	<u>.</u>	-9.857E-02
		\$50.4	9.7956-01	12.25	_	3.220E-03		1.591E 03	S.418E 01	9.815E-02
		273.4		52.43	1.779E 00		946	1.558E 03		3.707E-02
		324.0	9.1346-01	52.59		-1.7166-01	4.1436 02	1.603E 03		-70
		126.0		52.81		-9.722F-01	9	1.61CE 03		77
		56.1	8.771E-01	53.01	1.661E 00	-8.5296-01	0	1.616E 03		-2.400E 01
		109.0		53.14	321E	-1.709E 00	0	1.620E 03		=
		162.6		53.19	3000		0	1.621E 03	3.071E 01	3
		214.8	1.380E 00	53.24		-2.132E 00	0	1.623E 03	1.1576 01	360
		266.3		53.35		-2.137E 00	0	1.626E 03	1.128E 00	
		315.2		53.28	-7.933E-02	-6.6346-01	3.994E 02	1.624E 03	-2.418E 00	32
		1.981		83.29		2.6736-01	0	1.624E 03	-2.251E 00	
		44.6	6.9786-01	53.36	-4.089E-02	3.222E-01	0	1.6276 03		
		97.3		53.35	-1.712E-02	1.776E-01	0	1.626E 03	-5.217E-01	
		150.5		53.32	-6.423E-03	5.203E-02	4.956£ 02	1.625E 03	-1.958E-01	
		203.6		53.21	316	-1.005E-02	0	1.622E 03	-1.316E-01	-3.064E-01
		257.0		53.23	193	-2.38 7E-02	5.270E 02	1.623€ 03	-1.8576-01	~
		300.0	- 1	K1.21		-1-7796-02		1 4356 A3	-2. 5946-01	10-386-01
			37	1700	116.0	•		E0 377507		363606

EXPERIMENTAL CATA

		OSCI	TENSION	LENGTH	GTH VELOCITY	ACCEL.	TENSICA	LENGTH VELO	VELOCITY	ACCEL.
200	NO.									
SEC	SEC	DEG	188	ī	FT/SEC	FT/SEC/SEC	GRAP	5	CP/SEC	CH/SEC/SEC
40.200	0.0	+1.4	7.696E-01	53.29	0	-4.834E-03		1.624E 03	.725	-1.4746-01
008-0	0.0	3.46	-300E-	53.25	-9.342E-03	-2.908E-03	3.858E 02	0	847E	-865E-
. 400	•••	147.6		53.20	4	-3.838E-03		0	-3.029E-01	-1.170E-01
. 500	0.0	2002		53.17	-9.886E-03	-3.095E-03	5.122E 02	0	-3.013E-01	-9.433E-02
009.	0.0	251.3	1.140E 00	53.20	0	-4.194E-03		1.622E 03	-2.945E-01	-1.278E-01
.100	•••	301.5	.032E	53.21	0	-3.507E-03		0	.068	-1.069E-01
. 800	0.0	254.7	-3020·	53.21	-8.821E-03	-3.457E-03	4.091E 02	0		950
006-	0.0	36.2	1	53.30	-9.139E-03	-3.721E-03	3.662E 02	0	.786	-1.134E-01
.000	0.0	89.0		53.28	-9.217E-03	-2.984E-03	3.817E 02	1.624E 03	-2.8096-01	.094
100	0.0	140.5	-631E-	53.23	0	-2.822E-03		1.622E 03	-2.803E-01	-8-602E-02
41.200	0.0	192.2	-C86E	53.22	-9.507E-03	-2.438E-03		-	.858	-7.431E-02
11.300	0.0	243.7		53.24	-9.628F-03	-2-03 7F-03		1.623F 03	935	-6-210F-02
400	0-0	295.6	1950	53.23	!		1756	1.6236 03	3 170	-8.4416-03
41.500	0.0	308.6		63.33	-0 204E-02		1986	1 4236 03	2 0566	
700		27.8	2005-01	62 30	6616-03	2 2726-03	3776		2 2 2 2 8	10.30.00
200			20000	23.66	10000	20.35.00			97.	10-1820-1-
200		200	10-30100	22.60	CO-3776-0-	-2.354E-03			10-261/07-	70-101-1-
000		134.4	10-3916.4	23.66	-9.050E-03	-2.889E-03			128	-8.806E-02
. 900		1981	1.062E 00	23.20	-9.825E-03	-2.586E-03		1.621E 03	-2.995E-01	-7.881E-02
000	0.0	240.4	1.1196 00	53.21	-9.888E-03	-2.789E-03			10.	-8.500E-02
100	•••	201.5	1.071E 00	53.20	-1.045E-02	-3.632E-03		1.622E 03	.184	-1.107E-01
.200	0.0	335.9	9.4996-01	53.17	-1.019E-02	-1.996E-03	4.309E 02	1.621E 03	-3.107E-01	-6.082E-02
45.300	0:0	21.7	8.470E-01	53.27	-9.437E-03	-3.178E-03	3.842E 02	-	-2.876E-01	-9.688E-02
.400	0.0	72.3	8.327E-01	53.27	4	-2.508E-03		1-624E 03	-2.794E-01	-7.643E-02
.500	0.0	123.6	9.159E-01	53.24	7	-2.508E-03		1.623E 03	-2.179E-01	-7.643E-02
. 600	•••	177.1	1.040E 00	53.21	-9.836E-03	-2.975E-03			855	-9.069E-02
.100	0.0	230.1	1.112E 00	53.23	L	-2.641E-03		0	.937	-8.051E-02
. 800	0.0	283.1	1.085E 00	53.25	-9.854E-03	-2.733E-03		1.623E 03	-3.003E-01	-8.330F-02
900	0.0	334.7	9.710E-01	53.23	-1.022 E-02	-1.328E-03		1.622E 03	-3.114E-01	-4.046F-02
000	0.0	59.1	8-658E-01	53.27	-9.495E-03	-2.611E-03		1.624E 03	-2.894E-01	-7.957E-02
43.100	0.0	66.1	8.278E-01	53.28	-9.200E-03	-2.38 SE-03		1.624E 03	-2.804E-01	-7.270E-02
.200	0.0	118.4	8-968E-01	53.23	-9.191E-03	-2.647E-03		1.622E 03	-2.801E-01	-8.068E-02
.300	0.0	170.5	1.023E 00	53.21	-9.640E-03	-2.786E-03		1.622E 03	-2.538E-01	-8.492E-02
004.	0.0	221.7	1.109E 00	53.21	-1.037E-02	-1,918E-03		1.622E 03	-3.162E-01	-5.845F-02
43.500	0.0	272.2	1.058E 00	53.23	-1.097E-02	-3,301E-03		1.622E 03	.345	-1.006E-01
43.600	0.0	322.9		53.20	-1.031E-02	-2,332E-03	4.508E 02	1.621E 03	-3.143E-01	-7.109E-02
43.700	0.0	124.1		53.22	-9.886E-03	-3,671E-03		1.622E 03	-3.013E-01	-1.1196-01
43.800	0.0	56.3	-369E-	53.26	-9.845E-03	-3,223E-03		1.623E 03	-3.001E-01	-9.824E-02
43.900	0.0	108.3	-3218-	53.24	-9.212E-03	-2,318F-03	3.997E 02	1.623€ 03	808	-7.067E-02
000	0.0	159.6	-001E	53.22	-1.024E-02	-2.519E-03		.622	-3.120F-01	-7-677E-02
001	0.0	212.2		53.21	721E-	-1.397E-03	988E	.622E 0	.963	-4.259E-02
.200	0.0	265.0		53.24	813E	-2.510E-03	.019E	623E	166	-7.652E-02
.300	0.0	315.0		53.22	030F-	-1.901E-03	3155	4228	138	6
.400	0.0	183.9		53.24	900 F-	923		623E	.020	. 1
200	0.0	47.2	- 256€	53.20	-1.0126-02	-2.302F-03		4346		146
44-600	0.0	9.20	8.654F-01	53.26	-3 000	-1.923F-03	3. 926E 02	1.4736 01	10.045E-01	-6.842E-02
				2000						
	•		-					200		

EXPERIMENTAL DATA

ACCEL.	CHISECISEC	-6.846E-02 -7.194E-02
TENSIGN LENGTH VELOCITY ACCEL.	CH/SEC CP	-3.136E-01
LENGTH	ð	1.622E 03 -3.136E-01 1.623E 03 -3.122E-01
TENSICN	GRAP	4.945E 02 5.049E 02
ACCEL.	FT/SEC/SEC	-2.246E-03 -2.360E-03
TENSION LENGTH VELOCITY	FT/SEC	-1.0296-02 -1.0246-02
- ENGL IS LENGTH	E	00 53.21
TENSTON	1.85	1.090E 00 1.113E 00
0861.	066	202.6
NO.	SEC	000
RCDR	SEC	44.800

EXPERIMENTAL DATA

A T LEG	CIRETION ACCELERATION, FP. VELOCITY, FP. VECCELERATION, FP. RUN TIME, SEC. INITIAL LENGTH, FT.	2 2 5	REEL-IN 1.00 2.00 0.00 44.00 55.00	MODEAPPLITUDE, FREQLENCY,	INCH	1.50	NEC = 70 NCFR = 6000 NW =	6000 6000 6.640E-01
	TENSION	ENGL	ENGLISH UNITS	ACCEL.	TENSICN	LENGTH	VELOCITY	ACCEL.
	185	. F.1	FT/SEC	FT/SEC/SEC	GRAP	5	CH/SEC	CM/SEC/SEC
	.164F	57.33	-1.3156-02	-5.4776-03	5.279E 02		-4.007E-01	-1.665E-0
	.112E	57.33	-1.329E-02	-5.463E-03		1.7476 03	-4.0516-01	-1.665E-01
	9. 723E-01	57.31	-1.325E-02	-4.163E-03	4.410E 02		-4.039E-01	-1.2656-01
	8-15%	57.34	-1-2666-02	-5.242E-03	3.820E 02	1.7496 03	-3.9456-01	4046
	-085E-	57.22	-1.239E-02	-4.945E-03		1.7446 03	-3.7776-01	-1.507E-0
-	.058E	57.20	-1.308E-02	-4.443E-03	4.797£ 02			-1.354E-01
-	154€	57.21	-1.317E-02	-5.347E-03			-4-016E-01	-1.630E-01
-	-	57.22	-1.3516-02	-5.661E-03			-4-117E-01	-1.726E-01
D a	5356-01	57.17	-1.304E-02	-5.134E-03	4.512E 02	1.7436 03	-3.974E-01	-1.565F-01
		57.25	-1.2936-02	-4.970E-03		1.745E 03	-3.9416-01	-1.5156-01
	-3418·	57.19	-1.284E-02	-5.299E-03		1.743€ 03	:	-1.615E-01
	031E	57.17	-1.307E-02	-4.305E-03			-3.983E-01	-1.312F-01
	1426	57.16	-1.259E-02	-3.475E-03		m	-3.036E-01	-1.0598-01
	1.1336 00	57.22	-1.258E-02	-4.596E-03			-3.6336-01	-1.401E-01
	6 336 00	57.13	-1.2795-02	-5.772E-03	4.553E 02	1.7416 03	-3.8976-01	-1.7596-01
	1.942F-01	57.25	-1-254E-02	-4-350E-03			-3-100E-01	-1-124F-01
_		57.21	-1.2436-02	-2.942E-03			-3.788E-01	-8-969E-02
		57.20	-1.264E-02	-4.257E-03			-3.8536-01	-1.297E-01
	1-1446 00	57.13	-1.215E-02	-4.772E-03		1.7416 03	-3.702E-01	-1.4546-01
		51.15	-1.314E-02	-5.384E-03			-4.006E-01	-1.6416-01
		57.11	-1.276E-02	-7.2336-03			-3.690E-01	-2.205E-01
		57.13	-1-202E-02	-4.984E-03			-3.465E-01	-1.519E-01
		57.13	-1-214E-02	-5.1266-03			-3.701E-01	-1.562F-01
		57.08	-1-121E-02	-5.590E-03		1.7406 03	-3.418E-01	-1.704E-01
		57.07	-1.192E-02	-6.126E-03	4.618E 02	1.739€ 03	-3.6346-01	-1.067E-01
		57.11	-1-177E-02	-6.055E-03		1000	-3.587E-01	-1.846E-01
	1.151E 00	57.15	-1.226E-02	-5.647E-03		1.742E 03	-3.7386-01	-1.721E-01
330		57.16	-1.1566-02	-1.063E-03	4.627E 02	1.7406 03	-3.5236-01	-2.153E-01
	8.0846-01	57.28	-1.120E-02	-4.755E-03	3.667E 02		-3.4136-01	-1.4495-0
	-	57.27	-1.054E-02	-3.874E-03	3.979E 02	1.7466 03	-3.2126-01	-1.1816-01

EXPERIMENTAL CATA

			- ENGL	- ENGLISH UNITS -			NETRIC	METRIC UNITS	
	OSCL.	TENSION	LENGTH	VELOCITY	ACCEL.	TENSICN	LENGTH	VELOCITY	ACCEL.
SEC SEC	066	188	F	FT/SEC	FT/SEC/SEC	GRAP	5	CW/SEC	CM/SEC/SEC
	175.3		57.10	-1.151F-02	-4.894E-03	4.570E 02	1.740E 03	-3.507E-01	-1.4925-01
	233.5	1.1436 00	57.16	.136	-4.843E-03	5.183E 02	.742E 0	-3.463E-01	-1.476E-01
0.0 009	286.8		57.20	-1.173E-02	-5.242E-03		1.743E 03	-3.575E-01	-1.598E-01
	337.5		57.09	161.	-5.856E-03		.740E 0	-3.631E-01	-1.797E-01
	33.3		57.23		-4.721E-03		1.7446 03	-3.608E-01	-1.4396-01
0.0	10.4		57.22	-1.177E-02	-4.274E-03		0	-3.587E-01	-1.303E-01
	122.3		57.25	-1.212E-02	-4.642E-03		•	-3.695E-01	-1.4156-01
100 0.0	172.2	-9696·	80.16	-1.111E-02	-5.695E-03	4.5336 02	0	-3.367E-01	-1.736E-01
	222.6		57.23	-	-5.505E-03	. 1936	1.744E 03	-3.645E-01	-1.678E-01
4.300 0.0	273.5	1.157E 00	57.22	-	-4.908E-03	.250E	1.744E 03	-3.632E-01	-1.496E-01
	325.5		57.21	-1.192E-02	-5.338E-03		1.744E 03	-3.632E-01	-1.627E-01
	116.6		57.24	-1.145E-02	-4.183E-03		1.745E 03	-3.489E-01	-1.275F-01
	57.0	7.949E-01	57.27	-1.151E-02	-5.134E-03		1.746E 03	-3.509E-01	-1.565F-01
	108.6	8.347E-01	57.23	_	-3.529E-03		1.745E 03	-3.482E-01	-1.076F-01
000	161.6	9.780E-01	57.20	-1.177E-02	-4.429E-03		1.7446 03	-3.588E-01	-1.350E-01
	215.8	1.117E 00	57.18	-1.160E-02	-3.3596-03		1.7436 03	-3.535E-01	-1.0245-01
	268.6	1.164E 00	57.26	N	-4.053E-03		1.745E 03	-3.661E-01	-1.235E-01
	318.6	1.0€3€ 00	57.24	-1.191E-02	-4.987E-03	4.823E 02	1.145E 03	-3.630E-01	-1.520F-01
	157.9	9.2936-01	57.26	-	-4.531E-03		1.745E 03	-3.572E-01	-1.381E-01
	53.1	8.042E-01	57.30	-1.129E-02	-4.274E-03		1.7476 03	-3.440E-01	-1.303E-01
	106.9	8.303E-01	57.24	0	-4.194E-03		1.7456 03	7	-1.278F-01
	160.5	.6 78E-	57.23	-1.130E-02	-5.092E-03		1.7446 03	-3.445E-01	-1.552F-01
	214.6	.115E	57.20	:	-4.602E-03		1.7446 03		-1.4036-01
0.00	268.8	1.169E 00	57.24			5.303E 02	1.745E 03	. 586	51 1E-
	371.5	90.0	57.20	:	-5.129E-03		E0 346.1	196	563E-
	128.9	- 36.3E-	57.54	-1.189E-02	-4.4491-03		10 366.03	-3.625E-01	-1.356E-01
	2000	-0 1ZE-	57.29	:	-4-1498-03		10 196E 03	-3-471E-01	-100
	108.5	8-2365-01	57.26	-1-143E-02	-4-834E-03	. 7304	1-1456 03	-3.4846-01	-1.473E-01
	10701	7.2926-01	21.50	70-3641-1-	-4.24.25		101436 03		363
	240 6	11116 00	27 23	70-1436-02	20-30-30-7	200426 02		20.4036-01	10000
	230.1	1 0066	67 38	-1.1466-02	-3.56 ME-03		3 6	13 5475-01	
	151.5	9.46RE-01	47.27	-1-157E-02			3 6	-3.5286-01	!
	52.8	8-081E-01	57.32	-1-1016-02	-	.665E	1.7476 03	F	-1.564F-01
	105.5	8-187E-01	57.27	-			0	~	è
	158.8	9.502E-01	57.23	-1.121E-02	-4.123F-03		1.7446 03	2	257
	210.6	1.105E 00	57.22	-1.109E-02	-3.107E-03			381	169
	262.1	1.171E 00	57.28	-1.179E-02	-4.460E-03		1.14eE 03	593	
	313.4	1.094E 00	57.24	-1.206E-02	-4.633E-03		-	•	4126
	180.9	9.604E-01	57.25	-1.174E-02	-3.684E-03		1.7456 03	-3.578E-01	1236
	45.7	8.151E-01	57.28	-1.162E-02	-5.1406-03		1.1468 03	-3.541E-01	-1.5675-01
	1.96	8.141E-01	57.26	-1.165E-02			1.7456 03	-3.552E-01	-1.530E-01
	150.0	9.363F-01	57.23	-1.145E-02	-5.503E-03		1.7446 03	-3.491E-01	-1.6776-01
7.700 0.0	204.5	5 1.093F 00	57.21	=	-4-177E-03	4.959E 02	1.7446 03	.3	-1.2736-01
	258.8	1,170€ 00	\$7.25	-1-197F-02	-4-59AF-03	S. ACKE 02	1.7446 07	-1-5166-01	10-104-1-
					١	,			3100

EXPERIMENTAL DATA

200	7.186	ANGLE	TEMSTON	LENGTH	VELOCITY	ACCEL.	TENSICA	LENGTH	VELOCITY	ACCEL.
256	SEC	066	597	ŧ	FT/SEC	F1/SEC/SEC	GRAP	ð	CHISEC	CM/SEC/SEC
8.000	0.0	188.6	9.7206-01	57.27	-1.137E-02	-4-146E-03			-3.466E-01	-1.2646-01
8.100	0.0	48.5	8.107E-01	57.32	-1.084 E-02	-3.662E-03	3.7146 02	1.7476 03	-3.303E-01	-1.116E-01
8.200	0.0	101.8	8.0836-01	57.30	-1.098E-02	-3.971E-03	3999.		-3.347E-01	-1.21CE-01
8.300	0.0	154.3	9.267E-01	\$7.26	-1.087E-02	-3.721E-03	.203E	.74SE	-3.315E-01	-1.134F-01
6.400	0.0	207.6	1.066 00	57.25	-1.102E-02	-3.262E-03	. 925E		-3.359E-01	-9.944E-02
8.500	0.0	260.2	1.171E 00	57.27	-1.112E-02	-3.316E-03	31136		-3.390E-01	-1.01 16-01
8.600	0.0	312.1	1.111E 00	57.26	-1-137E-02	-3.684E-03	.038E		-3.466E-01	.1.
8.700	0.0	179.8	9.7946-01	57.27	-1.152E-02	-3.155E-03	.442E		-3.511E-01	-9.1376-02
8.800	0.0	49.1	8.216E-01	57.30	-1.135E-02	-4.582E-03	.727E	1200	-3.461E-01	-1.397E-01
006.9	0.0	101.5	8.063E-01	57.26	-1.124E-02	-4.109E-03			-3.426E-01	-1.2535-01
0000-6	0.0	152.6	9.231E-01	57.22	-1.090E-02	-4.911E-03	. 187E		-3.322E-01	-1.497E-0
9.100	0.0	205.2	1.084€ 00	57.21	-1.106E-02	-3.852E-03			-3.372E-01	2
9.200	0.0	258.7	1.173E 00	57.25	-1.148E-02	-4.545E-03	361 8		-3.499E-01	-1.3856-01
6.300	0.0	312.4	1.115E 00	57.26	-1-1236-02	-4.7636-03	.056E		-3.423E-01	-1.4526-01
004.6	0.0	176.4	9.812E-01	57.27	-1.130E-02	-3.631E-03	.451E		-3.443E-01	-1.107F-01
9.500	0.0	49.5	8.199E-01	57.34	-1.036E-02	-4.092E-03	.7 19E		-3.158E-01	-1.2476-01
009.6	0.0	104.8	8.039E-01	57.29	-1.066E-02	-3.461E-03			-3.249E-01	
9.700	0.0	158.8	9.193E-01	57.28	180	-2.968E-03	.170E		-3.314E-01	*
9.800	0.0	211.7	1.084E 00	57.25	-1.034E-02	-1.988E-03		1.745E C3	-3.152E-01	-6.060E-02
006.6	0.0	264.9	1.171E 00	57.29	-1.099E-02	-3.311E-03	146		-3.350E-01	8
0.00	0.0	317.5	1.109E 00	57.25	-1.060E-02	-3.138E-03			-3.230E-01	-9.564E-02
0.100	0.0	151.6	9.733E-01	57.27		-2.724E-03		1.746E 03	-3.146F-01	-8.304E-02
0.200	0.0	53.0	8.142E-01	57.31	:	-4-333E-03		31476	-3.078E-01	-1.3216-0
0.300	0.0	106.6	8.025E-01	57.29	:	-3.716F-03		1.74EE 03	-3.094E-01	-1.1336-0
0000		7967	10-3761-6	21.23	-1.0336-02	:	1691	3661	-3.20AE-01	-1.224E-01
0.500	0.0	210.6	1.081E 00	57.23		-3.396E-03		THE P	-3.112E-01	1.035
0.00	0.0	1.292	1.165E 00	57.24	1.150	-4.316E-03			-3.384E-01	-1.316F-01
00.00	0.0	313.3	1.107E 00	57.22	-1.093E-02	-4.565E-03			-3.330E-01	
0.800	0.0	182.5	9. 721E-01	57.20	-1.074E-02			1-749E 03	-3.272E-01	1.304
000			10-3010-2	27.75	-1.0035-02	-4.50 VE-03			10-3/co-6-	10-374-01-
200		2000	10-3076-01	17.76	-3.698E-03			10 1446 03	-3.017E-01	
200		100	10-36-00	27.10	19.8616-03	-3-8636-03			3 9366 0	1010
200	200	2030	2000-1	21.10	2000-03				10-3660.5-	יייייייייייייייייייייייייייייייייייייי
200		2000	20 20 1	27 .15	-9.2696-03	50-3100-6-			10-36767	1000
200		2000	9 3745-01	27 18	3	:			2016-01	10-10-10-1
200		42.4	10001	67 79	-1 0166-03		3757		10-3000 2-	
1.700		9.40	7.0006-01	67.24	40.0126-02	11.0256-03			19.0315-01	10-1007-1
000		147.7	B. 9075-01	67.10	-1 0125-03				10-3100	3000
1.000		201-2	1.0426 00	87.18		1 1185-03	101	1 7436 03	10-3000	
2000		268.1	1.1505 00	47.10		44.66-03			2 3036-01	10-361-1
2000		2002	11146 00	67 33	11336-02		2 2		10-365.6-	
2000			101100	21.66	1 006 6 03	20.040.6	200		10-3264-6-	
2000		***	10-36-0	27		20036-00	3 7146 02		10-300000	• •
2000			10-100-01	21.17	11110	50-30 50-6-			- 1105	-
2000	200	10.0	10-36/86/	21.12	-9.080E-03	-4-2025-03	3.312E 02	1.142E US	-4.932E-01	-

EXPERIMENTAL DATA

TIME TIP	E ANGLE								-
EC SEC		1.85	ŧ	FT/SEC	F1/SEC/SEC	GRAP	5	CP/SEC	CM/SEC/SEC
0		1.061F 00	57.14	-9.745E-03	-4.135E-03		1.742E 03	.1.	-1.260E-01
0		1.157E 00	57.21	.030	-4.820E-03			-139E-	-1.469E-01
0		1.117E 00	57.15	8	-5.859E-03			N	-
0.0		9.9596-01	57.17	-8.677E-03	-4.429E-03	4.518E 02	1.7436 03	.645E-	350E-
0		8.291E-01	\$7.26	-9.116E-03	-3.509E-03			-36LL	-1.070E-01
0		8.172E-01	57.37	-1.034E-02	-4.050E-03			.152E-	-1.2346-01
•			57.34	-1.051E-02	-2.512E-03		36	-3.204E-01	657E-
•			57.25	-1.044E-02	-2.586E-03			-3.183E-01	-7.881E-02
0		1.178E 00		-1.421E-02	-1.41 7E-01	13E		-4.331E-01	32CE
•	00	1.1776 00	57.26	-6.510E-02	-8.486E-01			-1.984E 00	586E
	200 135.6	1.015E 00		-1.700E-01	-1.226E 00			.183E	137E
0		9.1045-01	57.29	-2.861E-01				.720E	-3.691E 01
0		1	57.19	-3.543E-01	-1.081E 00			.202E	295E
•			57.07	-4.898E-01	-9.86 IE-01	116		.493E	-3.006E OL
0		-	57.03	161	-9.428E-01			.765E	874E
		1.221E 00	57.05	-6.690E-01	-9.366E-01				
		1.157E 00	57.08	-7.597E-01	-9.343E-01	5.432E 02		-2.316E 01	. 84 EE
0		-	57.20	-8.515E-01	-9.430E-01		1.744E 03		874E
-			16.95	-9.365E-01	-9.494E-01			-	. 894E
-			56.73	026E	-9.410E-01			.127E	96.8E
-			56.64	-	-9.356E-01		1.726E 03		852E
-			56.49		-9.339E-01	38			94 7E
14.800 1.400	00 286.0	1.258E 00	56.46	-1.288E 00	-9.363E-01	-		-3.526E 01	
-			56.34	375E	-9.378E-01		1.7176 03	_	. 858E
-			56.27		-9.383E-01	346	70		3098.
-			26.10	555E	-9.259E-01		-	-4.740E 01	.822E
-			55.90	642E		919			908E
-			55.70	123E	-7.798E-01			.250E	37.76
2		1.227E 00	55.51		-4.124E-01		1.6926 03	5.413E	-1.2576 01
~			55.33	198E	-1.1636-01			5	244E
2			\$5.14	800E	1.7196-02		1.681E 03	•	416
~			25.00	1.798E	4.070E-02	976			30 42
7		9.5796-01	54.81	194E	2.480E-02	15E		5.468E	1.5606-01
~		1.035E 00	54.54		9.2446-03	336		.458E	~
7			54.33	789E	-2.756E-03	5.154E 02		.453E	-8.399E-02
7			54.24		-5.095E-03	393			-1.553E-0
7			54.04		-7.001E-03	2116	2	.455E	-2.134E-0
7			53.96		-1.068E-02	4.9196 02		.442E	-3.254E-0
•	5.64 00	9.877E-01	53.75		-8.083E-03		1.638E 03	-5.436E 01	
-			53.57		-6.364E-03	. 504E		.493€	-1.940E-01
			53.37			28E			
-			53.17	-1.787E 00	1.971E-03	391		-5.446E 01	6.008E-02
-			53.02					-5.451E 01	-1.022E-0
-		1.119€ 00	52.82	788E	-5.65 3E-03	5.076E 02		-5.449E 01	
•			62.60	TROE		7646	. 4646 03	-6 462E AI	
				-			100 PE	֡	

EXPERIMENTAL DATA

RC.DR	KON									
TIME	TIPE	ANGLE		,						
SEC	SFC	DEG	188	11	FT/SEC	FT/SEC/SEC	GRAP	5	CH/SEC	CM/SEC/SEC
7.200	3.800	121.8	1.017E 00	52.30	. 788E	8.496E-04	4.612E 02	554E	.451E	-3065
7.300	3.900	176.7	1.116 00	52.12	788 E	-3.636E-03	5.063E 02	1.569E 03		-1.108E-01
7.400	4.000	232.0	1.1926 00	51.94	787E	-1.572E-03	4C7E	583E	.447E	-4.791E-0
7.500	4.100	287.6	1.180E 00	51.61	788E	3.285	46		.450E	-1.001F-0
1.600	4.200	322.7	1.091E 00	51.60	787E	-5.664E-03		913E	-448E	-1.726E-0
7.700	4.300	25.9	5.979E-01	51.51	190E	8.496			.455E	-2.590E-0
7.800	4.400	81.0	9.782E-01	51.30	306L	5	437E	1.563E 03	.455E	-1.711E-0
1.900	4.500	136.0	1.037E 00	51.09	306L	.654			.455E	-5.041F-0
0000-8	4.600	191.4	1.138E 00	50.90	-1.789E 00	2.832E-06	5.160E 02	1.551E 03		8.632E-0
8.100	4.700	246.1	1.188E 00	50.72	789E	2.379E-03			.453E	7.251E-0
8.200	4.800	301.2	1.147E 00	50.54	306Z	-3.786E-03			457E	-1.154E-0
9.300	4.900	247.7	1.060E 00	50.34	790E	-9.929E-03			457E	-3.026F-0
8.400	2.000	39.3	9.740E-01	50.21	191E	-7.825E-03			450E	-2.385E-0
8.500	5.100	5.46	9.818E-01	50.02	788E	-7.695E-03			449E	-2.345E-0
8.600	5.200	149.6	1.063E 00	18.65	1.788E	1.1216-03		1.518E 03	450	3-41 BE-0
8- 700	5.300	204.€	1-168E 00	49.61	1.7876	2-379E-03		1.512E 03		7.2516-0
8.800	5.400	259.9	1.201F 00	49.47	1.788F	-2.005E-03		1.508F 03		-4-111E-0
8.900	5.500	315.2	1.133E 00	49.31	1.788E	-7-205E-03	5.138F 02	-		-2-19AE-0
9.000	2.600	161.6	1.046E 00	49.17	788 E	-1.073E-02				-3.272E-0
9.100	5.700	54.4	9.590E-01	40.64	190E	-5.622E-03				-1.7136-0
9.200	5.800	109.5	1.005E 00	48.83	789E	-8-609E-04	4.558E 02			-2.624E-0
9.300	2.900	165.2	1.131E 00	48.66	788 E	8.751E-04			448E	2.667E-0
004.6	000.9	220.7	1.237E 00	48.46	186E	2-957E-03	5.609E 02	1.4776 03	-5.446 01	9.012E-02
6.500	6.100	276.1	1.222E 00	48.31	788 E	-5.539E-03			_	-1.688E-0
009.6	6.200	331.1	1.095E 00	48.12	87E	-9.241E-03			.447E	-2.01 7E-0
9.700	6.300	10.6	9.814E-01	47.99	368	-9.918E-03			454E	-3.023E-0
008-6	9.400	10.8	9.585E-01	47.81	368	-2.741E-03			_	-8.356E-0
006.6	6.500	126.2	1.047E 00	47.62	189E	3.0816-03	4.7496 02			9-392E-0
0000-0	9.600	181.5	1.153E 00	47.41	97E	1.1075-03				3.375E-0
0.100	6.100	236.6	1.199E 00	47.23	186 E	-2.181E-04				-6.647E-0
0.200	008-9	292.4	1.1476 00	47.08		-8.932E-03		•	164.	-2.723F-0
0.300	9.900	291.5	1.050€ 00	46.88	788E	-9.538E-03		0		-2.907E-0
004.0	2.000	31.7	9.6936-01	46.78	190E	-6.715E-03		0		-2.047E-0
0.500	7.100	17.3	9.899E-01	46.57	190E	-1.609E-03		0		-4.903F-0
009-0	7.200	142.7	1.084E 00	46.39	788E	4.477E-03		0		1.365€-0
0. 100	7.300	198.0	1.177E 00	46.20	3181	4.616E-04		0		1.4076-0
0.800	7.400	253.0	1-15% 00	46.02	788E	-4.916E-03		1.4036 03	***	-1.499
0.00	7.500	307.7	1.112E 00	45.87	788E	-8.796E-03		0		-2.681E-C
1.000	7.600	209.0	1.035E 00	45.69	-1.788E 00	-7.533E-03	4.693E 02		430	-2.296E-0
1.100	7.700	1.94	9.7335-01	45.55	306L	5.636E-04		•	.454E	1.7186-0
1.200	2.800	107.1	1.032E 00	45.35	789E	2.9546-03		0	.452E	9.003F-0
1.300	2.900	156.6	1.125E 00	45.15	787E	-1.4166-03	1046	0	844.	-4.316E-0
1.400	9.000	211.3	1-183E 00	44.95	186E	-3.551E-03			344.	-1.082E-01
21.500	8.100	266.3	1.159€ 00	44.80	-1.786E 00	-6.358E-03	N	0		1.938E-
1.600	8.200	121.1	1-067F 00	44.60	TARE	-6-7035-03	ALDE	1 3405 03	-S.450F 01	2 70
	1						1			100

EXPERIMENTAL CATA

ICN LENGTH VELCCITY ACCEL.	AP CM CP/SEC CM/SEC/SEC	02 1.350£ 03 -5.455£ 01 -1.019£-	02 1.344E 03 -5.451E 01 -5.015	02 1.338E 03 -5.448E 01 9.495E-	02 1.332E 03 -5.445E 01	02 1.326E 03 -5.450E 01 -1.703	02 1.322E 03 -5.447E 01 -2.069	02 1.318E 03 -5.455E 01 -2.	02 1.313E 03 -5.454E 01 -1.511	02 1.307E 03 -5.451E 01 -1.	02 1.301E 03 -5.446E 01 8.218	02 1.254E 03 -5.445E	02 1.291E G3 -5.449E 01 -9.409	02 1.265E 03 -5.447E 01 -2.280	02 1.281E 03 -5.454E 01 -2	E 02 1.275E 03 -5.453E 01 -1.735	02 1.269E 03 -5.449E 01 -2.253	02 1.263E 03 -5.447E 01 4.437	02 1.258E 03 -5.448E 01 -5.352	: 02 1.253E 03 -5.448E 01 -1.721	02 1.248E 03 -5.449E 01 -2.535	02 1.244E 03 -5.455E 01 -2.075	02 1.238E 03 -5.452E 01 -4.3	02 1.232E 03 -5.447E 01 -7.769	02 1.224E 03 -5.443E 01 4.204	02 1.222E 03 -5.449E 01	02 1.2126 63 -5.448E 01 -2.343	02 1.2066 03 -5.4536 01 -1.337	02 1.201F 03 -5.449F 01 -4.944	02 1.197E 03 -5.448E 01 -9.	02 1.194E 03 -5.446E 01 -1.070	02 1.189E 03 -5.451E 01 -1.385	02 1.183E 03 -5.449E 01 -1.150	02 1.178 03 -5.4558 01 -7.052	02 101/4E 03 -5.451E 01 -9.	05 1 1435 03 -5.4445 01 -1.830	00 1 10 3C 4 - C 10 3201 1 2301 1 330	201 1 10 20 40 40 60 11 11 10 11 11 11 11 11 11 11 11 11 11	01 10 10 10 10 10 10 10 10 10 10 10 10 1	101 10 30 10 10 10 10 10 10 10 10 10 10 10 10 10	704.4- 10 3764.6- ED 3741.1 70	703 1- 12 20 77 3- 20 77 10 20 10 10 10 10 10 10 10 10 10 10 10 10 10	02 1.137E 03 -5.449E 01 -7.596	02 1.137E 03 -5.449E 01 -7.5 02 1.131E 03 -5.447E 01 -1.1 02 1.129E 03 -5.443E 01 -1.7
L. TENSION	/SEC GRAP	4.512E	4.820E		5.324E	5.116E	4.718	4.514	4.600E	4.920€	5.225E	5.270E	4.982E	4.706E	4.479E	4.645E	5.028E	1.456E-03 5.300E	5.237E	4.8616	4.636E		4.789	5.1856	5.3146	5.090E	4.502F	4.600F	4.9726	5.2546	5.215€	4.94SE	4.6626	4.5656	4. (335		3.1436	7.0046	2000-1	4.6736	37.66	3718 7	5-110F	5.119E
UNITSELOCITY ACCEL	FT/SEC FT/SEC/SEC	00 -3.34	00 -1.	00 3	E 00 -3	6 - 5.	9- 00 3	-1- 00	00	00 -4.92	5 00 2.	00 :	00	- 00	00	00	00	00 a	00	w	00 3	00	00	00	00	96		3 5	00	00	00 3	00	E 00 -3.77	16.5- 00	41.6-	00.00		200	200 12 23	200	00 -1 -00		F 00 -3-91	
LENGTH VELOC	FT FT	44.28 -1.	44.08 -1.	43.89 -1.	43.70 -1.	43.57 -1.	43.38 -1.	43.24 -1.	43.07 -1.	42.87 -1.	42.68 -1.	42.51 -1.	42.35 -1.	42.16 -1.	45.04 -1.	41.83 -1.	41.64 -1.	41.44 -1.	41.28 -1.	41.11 -1.	40.96 -1.	+0.81 -1.	40.61 -1.	40.42 -1.	40.24 -1.	40.00	19.77	39.58	30.30	39.29 -1.	39.18 -1.	39.02 -1.	38.82 -1.	38.70 -1.	36.51 -1.	36.33	37.97	17.78	37.42	37.46	77 20 11		37.00	37.09 -1-7
L. TENSTON	587 9	9.948E-	1.063€	1.1426	1.174	1.1286	1.040€	9.952E-	1.0146	1.085	1.1526	1.162	1.098€	1.0386	9.8746-	1.024	1.109	1.169	1.155E	1.072E	1.022E	-3906E-	1.056	1.1436	1.172E	1.1225	9.9246-	1.014	1.096	1.1586	1.150€	1.090€	1.028€	1.006E	20001	10114	1 1346	1.0776	1.030	3000	1000		1.126	.2 1.129E 00
RUN OSCL.			8.500 116.																																									12.600 158.2
RCOR	SEC	21.800	21.900	22.000	22.100	22.200	22.300	22.400	22.500	22.600	22.700	22.800	22.900	23.000	23.100	23.200	23.300	23.400	23.500	23.600	23.700	23.800	23.900	24.000	24.100	34.200	24-400	24.500	24-600	24.700	24.800	24.900	25.000	25.100	25.200	25.400	26. 600	26.400	26.700	26.00	26.00		26-000	26.000

EXPERIMENTAL CATA

¥53										
TIME	TIPE	ANGLE								
SEC	SEC	DEG	105	F	FT/SEC	FT/SEC/SEC	GRAP	•	CH/SEC	CM/SEC/SEC
004.9	13.000	6.86		36.	-1.789E 00	-5-476E-03	4.619E 02	1.1096 03	.452E	-1.669E-
26.500	13.100	65.5	1.025E 00	36.	.789E			1.105E 03	-5.453E 01	-1.296F-
009.	13.200	121.0		36.	-1.788E 00	-3.044E-03		1.055E 03	-5.450E 01	-9.279E-
.700	13.300	176.3				-1.048E-03			-5.446E 01	-3.194E-
. 800	13.400	231.1		35.	-1.786E 00	-2.427E-03			.444E	-7.398E-
006 -	13.500	287.8		35.	-1.788E 00	-5.089E-03	4.922E 02		3644.	-1.551E
0000	13.600	320.0			787E	-5.735E-03		1.078E 03		-1.748E-
.100	13.700	1.72		35.	306L	-7.743E-03	71E	074E	-5.454E 01	-2.360E-
.200	13.800	82.9		35.	789E	-5.151E-03		3890	.452E	-1.570E-01
1.300	13.900	137.4			788E	4.843E-04		96 3E	450E	76E-
004.	14.000	192.3		34.	786E	1.9685-03			-5.445E 01	
0050	14.100	248.0	ш	34.	1.787E	-1.048E-03		1.0516 03	445E	196F
0000	14.200	303.6		34.	1.787E	-4.341E-03			4476	1.3236-
1.700	14.300	230.6		34.	.787E	-8.666E-03		0416	-	2.6416
008-	14.400	42.6		33	790F	-8-238F-03		1.036F 03	455E	-2.5111-01
006-	14.500	97.6		33.	1.7ARF	-4.016F-03		DICE	450F	1.224
000	14.600	152.5		33.		1.4535-03	5.040F 02	1.024F 03	5.446F	4.478F-
1.100	14.700	207.9		33	1.786F	-5. ROSE-04		3610		-1.770E-
1.200	14-800	263-6		33	7875	-2.9516-03		3910	3077	
300	14-900	318-9			1.787	-5-338F-03		1.008F 03	5.44BF	
004-1	15.000	140-2			-	-4-435E-03		003E	5.449E	1.3526
1.500	15.100	58.5			789E	-2.662E-03		3995	.452E	8-114E-
28.600	15.200	114.0		32.58	1.	-2.336E-03			-5.449E 01	-7-121E-0
9. 700	15.300	169.1			786E	-3.262E-03				-9.944E-
9.800	15.400	554.5				-6.041E-03				-1.841F-01
9.900	15.500	281.0			-1.788E 00	-4-271E-03		-	-	-1.302E-01
0000	15.600	336.7			-1.787E 00	-3.520E-03	4.654E 02		.447E	173F
9.100	15.700	42.1			-1.789E 00	-1.971E-03			ш	-6.008E-02
9.200	15.800	15.9		31.52		1-178E-03				3.591E-
9.300	15.900	131.6			-1.787E 00	-8-496E-05				39CE
004.6	16.000	187.5			-1.786E 00	-5.395E-03				-1.644E-01
005.	16.100	243.0			-1.786E 00	-7.629E-03				325
9.600	16.200	299.0		30.79	-1.788E 00	-5.505E-03				-1.678E-01
.700	16.300	253.8			-1.788E 00	-4-373E-03			-5.449E 01	-1.3336-01
. 800	16.400	38.4		-	-1.790E 00	-4.237E-03			-5,456E 01	-1.291E-01
9.900	16.500	1.46			-1.789E 00	-2.203E-03			-5.452E 01	-6.716E-02
0000-	16.600	148.9	1.108E 00		-1.788E 00	-1.9976-03	5.026E 02			-6.086F-02
.100	16.700	204.6	-			-1.3996-03				-4.264E-02
2.200	16.800	260.9	1.104E 00			-2.506E-03				-7.639E-0
300	16.900	315.4		29.		-5.350E-03				-1.631F-
004.0	17.000	162.3		50	-1.788E 00	-5.185E-03		8.568E 02	-5.449E 01	-1.581E
005-0	17.100	54.0		29.	-1.789E 00	-6.570E-03	4.614E 02			9
009-0	17.200	109.4				-6.273E-03	847E		-5.452E 01	-1.912E-
. 700	17.300	164.7	1.116E 00	28.	-	-3.554E-03	0		-5.448E 01	-1.083E-(
008-0	17.400	210.0			1. 78AE		2250		77 3	
					1000		200	276	10 36466	1

EXPERIMENTAL CATA

EXPERIMENTAL CATA

CDR	RUN	OSCL.	TENSION	LENGTH	VELOCITY	ACCEL.	TENSICN	LENGTH VELO	VELOCITY	ACCEL.
SEC	SEC	DEG	188	FT	FT/SEC	FT/SEC/SEC	GRAR	5	CP/SEC	CH/SEC/SEC
.600	22.200	282.2		20.33	.788E	5-976E-04	100		-450E	1.8215-0
15.700	22.300	338.2		20.14	787E		638E	.135E	3	30
2.800		31.5			.789€	2			3454·	.571
35.900	22.500	18.4		19.80	1.789€		947E	.037E	3464.	-
36.000		133.1		19.62	788E	-3.614E-03	7	308	3054°	
36.100		189.0		19.42	787E	-1.580F-03	057E	.92CE	3944.	4.817
6.200		244.3		19.26	787E	-4.594E-03	200	BESE	3844.	400
36.300		300.1		19.06	. 788E	474E	157E	FICE	450E	1.669E-
36.400	23.000	253.4		18.89	788E	74 DE-		157E	3644·	2.054
36.500		39.1		18.75	190E		.643E	5.715E 02	5.4576	1.517E-
009	23.200	95.1		18.57	789E	1.5356-03	.814E	56 1E	.452E	-679E-
36.700	23,300	150.0		18.40	788E	-2.039E-04	-		448F	-215F-
36.800	23.400	205.1		18.22	1.786F	9-9126-05	5.0676 02	5.55.1E 02	5.4436	: 6
36.900	23.500	260.0		18.04	787E	-4.5376-03		300E	5.446F	8
000	23.600	315.4		17.86	788E	-	.724E	444E	5.450E	2.323
100	23.700	163.9		17.70	788E	-5.3246-03	306	354E	5.4518	
200	23.800	54.6		17.53	1.790F	-5.7386-03	4.7016 02	36 36	5.45SF	769F
300	23.900	110.3	1.078F 00	17.35	788E	3-2295-04	366	289F	5.451E	
400	24.000	165.1		17.16	1.787E	-1.7965-03		226E	44.76	-5.473F-0
500	24.100	220.1	1.107F 00	16.98	1.786F		5.0196 02	S.115F 02	445	1
37.600	24.200	275.9		16.81	788E	-2.342E-03			451E	r
700	24.300	331.3		16.63	787E	-3.4411-03			448E	
.800	24.400	13.9		16.47	789E	-2.812E-03			.454€	-8.572E-02
.900	24.500	10.8		16.28	190E	-5.259E-03			.455E	_
000	24.600	126.4				-3.784E-03		36		-1.153E-0
100	24.700	181.5		15.93	787E	-4-200E-03		155E	-446E	_
.200	24.800	236.7			787E	-6.9196-03		3.	.445E	-2.109E-0
.300	24.900	292.5		15.60	788E	-1.374E-03		154E	-451E	-4.187E-02
004	25.000	6-162		15.43			137E			-7.044E-0
38.500	25.100	32.2		15.28		-2.807E-03			454E	
909	25.200	88.0	1.041E 00	15.11			7216		.452E	-7.553E-0
. 700	55.300	143.2		14.92		-3.016E-03	36		-448E	
. 800	55.400	1661				-1.289E-03		192E	.445E	
900	25.500	255.0		14.58	.787E	-3.744E-03		44E	_	ä
000	55.600	311.0		14.39	188E	-4.967E-03			.451E	
100	25.700	187.4		14.22	. 788E	-4.172E-03	8136			=
39.200	25.800	90.09		14.05			369L.	. 283E	.457E	'n
.300	25.900	106.4		13.86	36	-662E-	. 193€	225E	3454·	-116E-
.400	26.000	161.0	1.104E 00		88 E	6.2		. 16eE	5.450E	9.848F
. 500	26.100	217.4		13.49		.654	.0716	1116	-447E	5.04 IE-
.600	26.200	273.9	1.072E 00	13.31	-1.789E 00	1.8696-04	.863£		-454E	-9769.
.700	26.300	329.2		13.15		.143		3600	.456E	•
39.800	26.400	86.8		13.02	790E	.662	3999		.457E	-42 1E-
9.900		68.6	1.003E 00	12.87	-	940	4.549E 02	3.522E 02	-5.413E 01	326E
40.000	26.600	123.9		12.49	1.722	396	4006	BARE	250F	9496
	ì					3000		3000	300	

EXPERIPENTAL CATA

ACCEL.	CH/SEC/SEC	3.431E 01	3.474E 01	3.44£ 01	-	2.095E 01	-27	-		-2.168E 00		6.404F-01	5.036F-01	1.802E-01	-3.177E-02	1.476F-02	1.3175-01	3.556E-02	9.495E-03	6.398E-03	3.824E-02	4.955E-02	1.208E-01	1.9081-01	-6.854E-02	-5.644E-02	-5.870E-02	2.495E-02	3.7811-02	-3.436F-02	1.006E-01	-5.568E-02	-1.32 IE-02	-2.020E-02	4.748E-03	-2.400E-02	-5.369E-02	-7.096E-02	-5.196E-02
THE VELOCITY	CM/SEC	-4.646E 01	-3.267E 01			1. £05E 00	1.9176 00	9.7236-01	1.023E-01	-3.254E-01	-4.228E-01	-3.661E-01	-3.0476-01	-2.358E-01	-2.519E-01	-3.321E-01	-3.551E-01	-3.468E-01	-3.469E-01	-3.944E-01	-3.488E-01	-3.915E-01	-3.647E-01	-4.386E-01	-4.202E-01	-3.936E-01	-3.685E-01	-3.5136-01	-3.7176-01	-3.4436-01	-4.335E-01	-3.7726-01	-3.767E-01	-3.2136-01	-3.2676-01	-3.4288-01	-3.486E-01	-3.3486-01	-3.1696-01
LENGTH	5	3.1736 02						16CE	15¢E	1616	148E	399L	170E	161E	3€96		3716	127E	3911		124E	716E	722E	115E		122E	-		3.7336 02								3.756E 02		
TENSICN	GRAP	3.958F 02	1.529E 02	4.829E 02	6.454E 02	3.412E 02	3.608E 02	6.133E 02	5.056E 02	3.440E 02	4.175E 02	5.179E 02	4.058E 02	4.572E 02	5.387E 02	4.658E 02	4.157E 02	4.809E 02	4.746E 02	4.460E 02	4.927E 02	4.578E 02	4.477E 02	4.456E 02	4.548E 02	4.496E 02	4.717E 02	4.901E 02	4.695E 02	4.501E 02				4.745E 02			4.4196 02	4.436E 02	4.358E 02
ACCEL.	FT/SEC/SEC	1.126E 00	1.140E 00	1.130E 00	1.123£ 00	6.8726-01	-2.310E-01	-3.408E-01	-2.032E-01	-7.113E-02	9.657E-04	2.101E-02	1.6525-02	5.910E-03	-1.042E-03	4.8436-04	4.3226-03	1.1676-03	3.1156-04	2.056E-04	1.255E-03	1.626E-03	3.965E-03	6.259E-03	-2.249E-03	-1.9176-03	-1.926E-03	8.185E-04	1.2406-03	-1.127E-03	3.302F-03	-1.82 76-03	-4.333E-04	-6.6276-04	1.5586-04	-7.873E-04	-1.7625-03	-2.328E-03	-1.705E-03
GTH VELOCITY	FT/SEC	-1.524E 00	-1.072E 00	-4.580E-01	-7.951E-02	5.921 E-02	6.288E-02	3.1906-02	3.356E-03	-1.068E-02	-1.387E-02	-1.2018-02	-9.997E-03	-7.867E-03	-8.264E-03	-1.089E-02	-1.310E-02	-1.1386-02	-1.138E-02	-1.294E-02	-1.144E-02	-1.285E-02	-1.197E-02	-1.439E-02	-1,3796-02	-1.291E-02	-1.209E-02	-1.284E-02	-1.219E-02	-1.130E-02	-1.422E-02	-1.238E-02	-1.236E-02	-1.054E-02	-1.072E-02	-1.125E-02	-1.144E-02	-1.099E-02	-1.040E-02
LENGTH	t	12.38	12.34	12.35	12.36	12.35	12.35	12.34	12.32	12.34	12.30	12.35	12.37	12.34	12.35	12.23	12.19	12.23	12.20	12.21	12.22	12.19	12.21	12.19	12.19	12.21	12.22	12.18	12.25	12.31	12.19	12.23	12.25	12.33	12.31	12.31	12.32	12.33	12.34
TENSTON	1.05	8.7265-01	3.371E-01	1.065E 00	1.423E 00	7.523E-01	7.955E-01	1.352E 00	1.1246 00	7.584E-01	1.053E 00	1.1426 00	9.0356-01	1.008E 00	1.1886 00	1.0275 00	9.1656-01	1.060 00	1.046E 00	9.8336-01	1.0666 00	1.097E 00	9.8706-01	9.824E-01	1.003E 00	9.9116-01	1.0406 00	1.080E 00	1.035€ 00	9.9236-01	9.970E-01	9.840F-01	1.003E 00	1.046E 00	1.050E 00	1.012E 00	9.742E-01	9.781E-01	9.696E-01
OSCL.	DEG	233.5	288.4	304.6	28.7	84.2	138.7	193.6	248.4	303.2	217.9	45.1	100.6	155.5	210.5	266.3	323.6	118.3	62.3	117.5	173.5	229.3	285.5	330.6	25.0	80.6	135.7	191.1	247.4	302.6	232.2	41.3	96.5	152.0	207.3	262.9	317.5	146.6	57.3
RUN	SEC	26.800	26.900	27.000	27.100	27.200	27.300	27.400	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RCOR	SEC	40.200																41.800				42.200	45.300	42.400	45.500	45.600	45.700	42.800	45.900	43.000	43.100	43.200	43.300	43.400	43.500	43.600	43.700	43.800	43.900 ,

EXPERIMENTAL CATA

71 71 40 600 600 4.740E-01 4.560E-01	ACCEL.	CM/SEC/SEC	2.104E 00	-1.899E-01	-2.016E-01	-1.720E-01	10-3460-7-	-1.542F-01	-1.322E-01	-1.978E-01	136	10-346-01-	-2.020E-01	-1.832E-01	-1.804E-01	-1.634E-01	-1.954E-01	1.000E-01	-1.478E-01	-1.826F-01	-1.450E-01	-1.434E-01	-1.495E-01	-1.950E-01	-1.742F-01	-1.5586-01		-1.7586-01	-1.722E-01	-1.636E-01	-1.869E-01
TO PARAMETER STANDS OF STA		CP/SEC	1.8126 00	-4.598E-01	-4.459E-01	-4-117E-01	-4-34 (E-01	-4-061F-01	-4.013E-01	-4.155E-01	-4-140E-01	10-31/10-4-	-4-161E-01	-4-215E-01	-4.294E-01	-3.977E-01	-4.205E-01	-3-56 F-01	-3.866E-01	-4.010E-01	-3.556E-01	-3.891E-01	-4.025E-01	-4.128E-01	-4-137E-01	-4.045E-01	-4-0206-01	-4.025E-01	-4.395E-01	-4-122E-01	-3.532E-01
CANAMIC CA. 2.50	LENGTH	å		2.20CE 02		_	20 3000 2	2.2015 02			2.19E 02	2.1656.02				2.1946 62	20		2.1996 02		2.201E 02		2. 155E C2	-		2. 26.1E 02		2.157E 02	2.196E 02	2. 199E G2	2.157E C2
	TENS ICH	GRAP	3.5566 02			4.26/1 02		4.788E 02			5. 2C3E 02			_			4.4188 02				5.221E 02						4.46 AF 02			4.256E C2	4.5C6E 02
MCLE TORE PARAMETERS MCLE TORE INCH FREGLENCY, hZ	ACCEL.	F1/SEC/SEC	4.563E-02	-6.229E-03	-6.616E-03	-5.64 ZE-03	-5.5006-03	-5.06(E-03	-4.336E-03	-6.490E-03	-\$.251E-03	-6.3666-03	-4.627F-03	-6.012E-03	-5.517E-03	-5.360E-03	-6-410E-05	-5.6766-03	-4.848E-03	-5.585E-03	-4.7846-03	-4.7C4E-03	-4.9046-03	-6.424E-03	-5.7146-03	-5.1136-03	-4-09E-03	-5.7676-03	-5.65CE-03	-5.369E-03	-6.131E-03
AVIEN PAY-CLI 1.00 2.00 40.00 5.00 5.00 48.00	LENGTH VELCCITY	FT/SEC	5.546E-02	-1.5686-02	-1.4e3f-02	-1.351E-C2	-1.4646-02	-1.332F-02	-1.3176-02	-1.3636-02	-1.3586-62	-1.3606-02	-1.3656-02	-1.3836-02	-1.409 E-02	-1.3051-02	-1.3801-02	-1.2696-02	-1.2685-02	-1.316 E-02	-1.311E-02	-1.277E-C2	-1.3216-02	-1.354E-02	-1.3578-02	-1.32/E-02	-1.3201-02	-1.3201-02	-1.442E-02	-1.352 E-02	-1.290E-G2
F F S 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	LENG TH	t	9.80	1.22	7.20	7.31	7.22	7.52	7.22	7.20	1.2	7.20	7.20	7.20	7.19	7.20	7.32	7.21	7.21	7.23	7.22	1.21	7.21	7.21	7.22	77.5	7.21	7.21	7.20	7.20	7.21
MATERIAL MATERIAL ICM HATICN TATION FATION LENGTH	TENSI ON	1.65	1.9275-01		1.Ce4E 0C	9.4CBE-01	1.1466 00	1.0565 00	5.313E-01	5.654E-01	1.1475 00	23915-01	9.7C5t-01	1.148E OC	1.0495 00	5.351E-01	19-1361			5.803F-01	1.151E 00	1.036 00	5.3635-01	5.657E-01	1.151E 00	1.022F 00	9.8556-01	.152	1.028E 00	5.383F-01	9.5345-01
PARE PERE PERE PERE PERE PERE PERE PERE	.1350	DEG	90.5	166.1	261.3	24.5	169.6	262.2	213.6	11.3	169.6	210.6	78.5	171.6	265,3	203.0	175	266.1	191.6	£5.C	177.5	211.2	185.€	56.5	179.3		87.7	186.1	273.0	180.6	65.6
	N.V.	260	0.0	0.0	0.0			0.0	0.0	0.0	0.0	200	9.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0	0.0	0.0	
	RCJR	SEC	6.0	C. 100	0.200	0.300	2000	2000	202.3	0.800	0.900	001-1	1.200	1.300	1.400	1.500	2000	1-800	1.900	2.000	2.100	2.200	2.300	2.400	2.506	2000	2.800	2.300	3.000	3.166	3.200

EXPERIMENTAL CATA

œ (1)	PLN	. 1353	TENS ION	LENGTH VEL 1C	VEL JC 11Y	ACCEL.	TENSICA	LENGTE	VELOCITY	ACCEL.
SEC	STC	DEC	185	F1	F1/SEC	F1/SEC/SEC	CFFF	t	CM/SEC	CM/SEC/SEC
	0.0	274.6	1.0275 00	1.21	-1.3946-02	-F. 38 8F-04	4-636F 02	16.66	-4-26CF-01	-1.6425-01
3.500	0.0	170.8	9.361E-01	7.23	-1.269F-02	-5.035E-03	4.2466 02	2.204E 02		:
	0.0	5.20	4	7.24	_	5	. 532E	. 206E	3.	-
	2.0	186.2	u	7.23	-1.239E-02	-4.896E-03		- 20 4E	-3.77eE-01	
	0.0	1.575	1.C15E CC	7.22	-1.344E-02	-5.2196-03		-200E	-4.095E-01	-1.591F-01
	3.0	166.7	L.	7.22	_	-4.510E-03		. 2C 2E	-3.678E-01	-396t
	3.0	7.35	111	7.22	-1.269 E-02	-6.0231-03	4.5588 02	3C JE	-3. E66F-01	-1.836E-01
	3.0	163.7	·	7.22	-	-5.1186-03	5.22ef 02	.201E	-3.881E-01	-1.560E-01
	0.0	281.2		1.21	-1.332F-02	-5.321E-03		2.15SE 02	-4.059E-01	-1.622E-01
	3.0	158.1	1	7.21	-1.276E-C2	-5.099E-03		. 155E	-3.85CE-01	-1.554E-
	0.0	1.16	1.009E 00	1.21	-1.312E-C2	-6.25 EE-03			-4.000E-01	-3610
	0.0	100.1	41	7.21	-	-5.767E-03	5.233E 02	31 5	-3. E89E-01	SBE
	0.0	281.6	w	7.20	-	-5.299E-03			-3.840E-01	-1.615E-01
	0.0	154.1	1	7.22	-1.282E-02	-5.035E-03			-3.966E-01	-1.535E-01
	0.0	36.6	141	7.21	-1.305E-02	-6.591E-03			-3.977E-01	-2.009E-01
	0.0	196.6	ш	1.23	-1.223E-02	-5.1828-03			-3.728E-01	-1.580E-
	0.0	283.7	ııı	7.22	-	-4.851E-03			-3.69E-01	-1.479E
	0.0	150.1		1.23	-1,1438-02	-4.342E-03		.202E	-3.485E-01	-1.323E-(
	0.0	100.6	u:	7.23	-1.286E-C2	-5.669E-03			-3.921E-01	-1.728F
	0.0	193.6		7.24	-1.229E-02	-4.821F-03		.2C7E	-3.742E-01	-1.469E-
	0.0	286.6	5.56CE-C1	7.22	-1.236E-02	-3.883E-03	-		-3.768E-01	-1.183E-01
	0.0	138.4		7.23	-1.183E-02	-4.548E-03	1.15	.202E	-3.605E-01	-1.386E-(
	0.0	104.0		1.22	_	-5.917E-03			-3.661E-01	-1.804E-
	0.0	196.8		7.23	-1.197F-C2	-4.573E-03		-204E	-3.649E-01	-1.394€
	0.0	285.5		7.23	-1.231F-02	-4.475E-03	_		-3. 753E-01	-1.3646-(
	0.0	136.3		7.22	-1.191E-02	-5.605E-03		- 200E	-3.630E-01	-1.709F
	0.0	106.4		1.22	-1.247E-02	-5.454E-03			-3.802E-01	-1.675F
	0.0	198.8	u,	7.22	-1.205F-02	-5.792E-03		2.20CE 02	-3.674E-01	-1.765F-(
	2.0	291.1		1.51	_	-5.018E-03			-3.765E-01	-1.530E-
	0.0	125.4	9.217F-01	1.22	-1.186F-C2	-5.104E-03		2.200£ 02	-3.615E-01	-1.556E-01
	0.0	107.4	_	1.23	_	-5.603E-03			-3.727E-01	-1.7086-
	0.0	1.561	-	7.24	-1.138F-02	-4.95 SE-03	126		-3 .469E-01	-1.524F
	0.0	292.3		7.23	-1.222F-02	-3.891E-03			-3.725E-01	-1.186E-(
	0.0	121.6		1.24	-1.064 E-02	-3.8216-03	172E		.243	-1.165E-01
	0.0	168.6	0	7.24	_	-5.578E-03			-3.692 6-01	-1.700F
	0.0	201.3	w	1.24	-1.200E-02	-4.389E-03			-3.658F-01	-1.3386-(
	0.0	20403	-	7.24	_	-3.930E-03			-3.303E-01	-1.198E-01
	0.0	113.6	-	7.24	-1.148E-02	-3.949E-03	4.157E 02		-3.499E-01	
	0.0	111.2	1.044E 00	1.27	-1.156E-02	-5.294E-03			-3.525E-01	-1.6145-01
	0.0	204.5	-	7.23	-1.111E-02	-5.235E-03	_		-3.386E-01	-1.596E
	0.0	208.1	-	1.24	-1.177E-02	-4.659E-03			-3.5e7E-01	-1.431E-01
	0.0	104.6	-31	7.23	_	-5.516E-03			-3.442E-01	-1.681F
	0.0	114.5	4	7.22	-1.208F-02	-5.797E-03			-3.6826-01	=
	0.0	207.4	1.147E 90	7.22	-	-5.035E-03		2.202E 02	-3.623E-01	1.535
	0.0	1002	1	7.32	-1.2065-02	-4-559F-03			-1-676F-01	1 - 30 AF-

EXPERIMENTAL CATA

8.100 0.0 8.100 0.0 8.100 0.0 8.200 0.0 8.400 0.0 8.400 0.0 8.700 0.0 8.700 0.0 8.300 0.0 8.300 0.0 8.300 0.0 8.300 0.0 8.300 0.0 8.300 0.0 8.300 0.0	066								
	116.5	1.83	F1 -	+1/SEC	F1/SEC/SEC	GREP	t	CM/SEC	CM/SEC/SEC
		1.C55E 00	7.24	-1.1916-02	-5.792E-03	4.784E 02		-3.630E-01	-1.765E-01
	508.5	436	7.24	-1.1256-02	-4.887E-03		2.207E 02	3.4	
	30706	-3665.	1.24	.C33F-0	-4.3e1E-03			-3.150E-01	-1-3295-01
	1.45	- 2643.	1.24	-1.049 6-02	•	4.121E C2	2.207E 02	-3.197E-01	-1.528E-01
	117.3	. C : 7E	1.25	0-4				-	-1.5316-01
	210.1	.1425	7.25	-9.6556-03	-	. 180E		5.	-1.456E-01
	303.5	. 54	1.24	-1.1356-02	-4.556E-03	.328E	.2C7E	-3.459E-01	389E-
	1.06	-087E-		-1.037E-02				-3.160E-01	-1.228E-01
	115.2	• 06	7.24	-1.122 E-02	9.0986-03		. 20 EE	-419E-	
			7.23	1.751F-02	4.8676-01			5.336E-01	1.484E 01
		9.292F-01	7.26	1.045E-01			126	.185E	275E
		.638	7.29	2.2031-01			381		
		5.547E-01	7.32	3.254F-01	1.058E 00		100	1.004E 01	-
		.132	7.35	4.262F-01	10-3555·5		116		-
		. 33	1.42	5.138 E-01	8.8301-01		11	395	
		.528	1.48	.594E			311		2.633E 0
		500	7.57	10-3618-9	6.436E-01			3610°	2.571E 01
		.C73F	7.66				.336E	-336€	
0		.0418	1.15		8.7CCE-01		. 362E	2.594E 01	2.6526 01
-		-3415	7.84		9.		315E.	2.855E 01	
_		õ	7.56	1. C22E 00	•			3411€	
-		0	8.58		8.565E-01		2.464E 02		2.611E 01
_			8.19	3	•		.456E		
		2	8 . 24	0			731		
-		8	8.47		6. 5e 7E-01		77	3611.	2.6176 01
-		642	8.62	1.434E 00			_		36
		8.324E-01	8.1	1.516E CO			2.672E 02	4.621E 01	9119
-		5 78	8.94	1.601E GO	8.465E-01		7	. 875E	300S
- 5 -		-674E-	9.11		7	3798	2.176E 02		506E
7		-000E	12.6	1.751E CC	9-5536-01	4	_	338E	96 3E
•		1970	***		Z-136E-01		2.175 02		5126
• •		-3771	***		:.			10E	7100
,,		2000	18.6	2 (•			900	25
- 2-			10.00	100 200	3 3076 03			31:00	1.22 IE
			10.12	.				4 30 E	10-10-0-
		•		9 0			1416	766.	-1170
,		. `	100	. .	1.0015-02		35070	3066.	135
,,		•	10.01	794.5	8.07 IE-04	1436	3. 23ee 02		20-30e-2
			200	, ,	•	3170	36.76	346	0.00
		•		797.		3000	3636	300	
, ,		•	17:17		٠,	4. 200E V	17.5	3666	1066
, ,			11.30	200	1000		101		100
		•		• •		107	31.6		L.
	138.5	10-3040-0	11:0	7875 0	2.02	3.468E 02	3.516E C2	346	
		•	10.01	1000 1000		-	267		10-3666-1-

EXPERIMENTAL CATA

RUCER	PUN	OSCL.	TENS TON	LENGTH V	VEL OC 1 TV	ACCEL.	TENSICA	LENGTH	TH VELCCITY	ACCEL.
Sec	25.	ofe of	183	FT	F1/SFC	FT/SEC/SEC	GRAP	ð	CM/SEC	CM/SEC/SEC
209.	3.700	3.108	15-	12.23	ш		3.7156 02	. 12EE	.437E	5.124
12.700	3.600	46.4	-35	12.43	1.786E 00	8.178	4.	3.790E 02		-9919·
306.	3.000	142.1	9	13.61		•	. 78SE	€43€	.452E	765E-
336.	4.000	434.5	•	12.79	1.7876 00	-7.320E-04	1366	4 EE	.446E	2.2316
0000	4.100	285.1	•	12.57		;	1519.	953E	.439E	-513E-
100	4.200	55.3	7.671E-01	13.15			. 47SE	.CC7E	5445	-365€-
.200	4.300	145.4	S.			-4.397E-03	3890.	34 90 €	. 448E	-340E-
.300	4.400	238.1	v	13.52	1.787E CC		. 780E		.446E	-177F
204.	4.500	282.3	U .	13.61		-3.240F-03	. 30 2F		.442E	744
.500	4.600	55.1	- 39	13.58		-4.7316-03	.581E	31 52 .	.448E	-1.442E-01
009.	4.700	147.8	1.016F 00	14.04	1.788E 00	1.6646-03		28CE	5.450E 01	5.0736-02
202.	4.800	139.5	OF.	14.21		-6.374E-03			.442E	-1.43F-0
.800	006**	30315	E-	14.37	ш	•	3.7068 02	7	5.438E 01	-2.324F-02
906.	2.000	50.4	4E-	14.56		-5.182E-03		7	148E	-1.580E-01
000	5.100	146.5	u;	14.73		2.199E-03	e e		146E	6.702E-0
4.100	5.200	240.6	6E	14.67	1.786F CO	1.8736-03	.835E	4.534E 02	5.442E 01	5.709E-0
.200	5.300	273.6	-36	15.04	0		. 64 SE		136E	-3.286E-0
.300	2.400	57.6	- JS	15.24	0	-2.881E-03		4.645E 02	3644	ó
.400	5.500	150.4	36	15.43	0	-7.09 7E-04			325ª	-2.163E-0
. 500	2.600	243.0	35	15.60	0	4.723E-03		4. 154E C2		1.440E-0
4.600	5.700	265.3	- 35	15.77		5.185E-04	949E		-442E	2.799E-02
. 100	2.800	9.09	7.567E-01	15.56		-9.1716-03	.432E	. E66E		-2.795E-0
208.	005.5	153.3		16.13		9	. 7686	3:15		-1602
006.	000.9	246.5	4	16.29				3006		
200.	9.100	3.7.5	10	10.46	1846	-3.855E-03	9000	310	1884	Ξ.
201.	6.200	64.1	8E-	16.66		•	3666	-075E		-1.390E-0
007.	6.390	156.6	GE	16.62		-8-1835-04	.8536		100	-2.494F-0
300	6.400	245.6	5E	16.58	1.786E 00	-	.651E		-444E	٠,
200	00000	246.	E-050-01	17.15	1. 784 E GO	5.0	9/05	20 37776	3.43EE 01	-2.3511-01
2000	00000	3.30	1	11.39		-2.880E-U3	. 23/E			1
300	001.0	158.3	7	76.71	1000 100	6.637E-03				i.
200	0000	10107	4 .	23 -17	1.703E 00		300		2000	1000
200	0000	243.6	0110	17.83	D		10:00		326	1
	2000		10-101-01	18.04		•	11.00		10 3046.0	13.6
	200	252 2	100	22.01		:	36.00			1
	007-	227.6			10,000		3170.	25730	366	٠,
200	2 400	30167	1000	62.87			36610	3000	370	1
2000	2005		200	18.	1. 7885 00	9 6	2016	1335	1000	170
200	2 400		200			;	3106.	351.0	200	1
200	7 700	220		13.61	300	7 04 75 04	3010		377	-3277
200	2000	20639	2707	19.26		:,	3636	17/10	37.6	20-140-1-7-
2000	2000	5.71	5	19.48	376	•	1016	376	1000	- 100
200	066-	167.1		19.63	- 1		1676.	-584E	-447E	1.294
13.000	000	1.367	1.067	67.61	1.7856 60	-4.4546-03	4.817E 62	6.032E 02	2.4416 01	-1.510E-01

EXPERIMENTAL CATA

1116	PACLE	TENSION	LENGTH	VELOCITY	ACCEL.	TENSICA	LENGTH	VELOCITY	ACCEL.
	DEG	LRS	FT	FI/SFC	F1/SEC/SEC	GRAN	ð	CMISEC	CM/SEC/SEC
.339	168.4	1.C8SE 00	20.33	1.786F CO	2.5336-03	4.941E 02	6.197E 02	5.445E 01	7.720E-02
0	\$61.5	1.050 00	50.45		7.306E-03		6.24EE 02	5.439E 01	2.227E-01
2	210.5	L	20.65		-1.C12E-02		.254E		-3.085E-01
00	11.5	1	20.38	1.786£ 00	-6.502E-03	3.521E 02	6.364E 02		-1.982E-01
3	176.5	u'	21.67		-1.091E-03			5.4436 01	-3.325E-02
00	267.1		21.21		7.821E-04	4.766E 02	. 466E		384 1
00	210.1	L	21.38		-1.30 35-03	3.565E 02	6.516E 02	5.437£ 01	-3.570E-02
00	76.6	10-3969°L	21.59		-7.245E-03	3.4916 02			-2.208F-01
00	171.5	1.C98F 00	21.77	0	5.734E-03		6. €3€E 02	5.446E 01	1.748F-01
-200	1.492	1.057E 00	21.93	1.785E CO	-1.3281-03	4.796E 02		5.440E 01	-4.046E-02
00	203.4		22.67		-8.121E-03			5.437E 01	-2.475E-01
009	81.1	w	22.28	1.786E 00	-4.197E-03			5.444E 01	-1.279E-01
.500	174.	1.052F CO	22.44	1. 786E CO	2.282E-03	9536	6.8408 02	3.00	6.956E-02
000	267.2	· u	22.62		8.856E-03	\$ 70E	. 853E	5.4416 01	2.699E-01
000	193.5	•	22.79		-7.314E-03	3.615E 02	3175		-2.229E-01
800	84.5	1	22.58	1.786F 00	-1.216E-02			5.444E 01	-3.705E-01
006	176.1	1.101£ 00	23.14		E. £2 EE-04				2.630E-02
000	276.6	4	23.28		-8.7395-04		3650	38E	-2.664E-02
100	182.2	4	23.44	1.783E CO	-9.574E-04	3.55E 02	3	5.435E 01	-2.918E-02
206	88.1	1	23.67	1.787£ 00	-7.053E-03	3.235E 02	7.214E 02	5.446E 01	-2.150E-01
300	180.9	1.112F CO	23.65		2.881E-03	5.0446 02	7.268E 02		8.780E-02
400	273.1	W	24.02	1.785E DO	5.107E-03		7.321E 02	-	1.5576-01
005	180.5		24.18		-1.1516-02	3.547E 02	7.37CE C2	5.436E 01	-3.507E-01
000	5.68	E-809E-01	55.47		-4.2234-03				-1.288E-01
10.700	182.1	1.108E 00	24.57	1.785E 00	4.083E-03	5.627E 02		316	10-244-01
200	21203	J	24.10		20-1195-03	3447		10 alee.	10-36-01
006	174.5	10-3106.	24.60	1.784E CO	-4.748E-03		7.578E 02	5.4376 01	10-14-1-
30	1016	_ 4	26 24		20-1001-1-	3336	120		10-3666-
200	274 0	1 1035 00	25.20		1 32 35 -03		100	10 3744.6	1.021
300	140.0		25.67		4 2165-03		20 3051 2		4.0306-02
400	3.90	6 . 6 3 7E = 01	25.78	100	-6.776F-03	2050	7.8576 02		- 2 OK SE-01
200	186.7		25.93		-1. 520E-03				-4.637F-02
600	275.4	u	26.09		8-2946-03				2.528F-01
11.700	155.0	u.	26.26	1.784E 00	-5.472E-03			5.4376 01	-1.668F-01
800	57.1	6.5135-01	26.47		-8.6785-03		8. CESE 02	43E	-2.645E-01
005	190.3	Ų,	26.64		1.664 E-03	3510		•	5.073E-02
000	283.1	1.156E 00	26.82	1.7856 00	-1.531E-04		8.175E 02	5.439£ 01	-4.666F-03
100	141.4	IN	27.00	1.785£ 00	-4.651E-03		36	5.439E 01	-1.41 8F-01
.200	10001	1.	27.21	1.787E GO	-7.0836-03	2.9176 02	8.293E 02	5.445E 01	-2.159E-01
300	192.9		27.38		6.110E-03	399B	345€	5.442E 01	2.472F-01
400	284.5	w	27.54		7.1446-03	5.251E 02	355	5.441E 01	2.178E-01
900	141.2	-	27.72		-1.092E-02	582E	450E	_	-3.329E-01
003	102.0	6.4355-01	27.93	1.787E CO	-6.562E-03	2.919E 02	3	5.446E 01	-2.732F-01
100	193.6	.055E	28.67		-3.8991-03	.786€	. 554E		-188E-
		1							

FXPERIMENTAL CATA

BUN	uscı.	TENS ION	LENGTH VEL OC	VEL OCT 1V	ACCEL.	TENSICA	LENGTH	VELOCITY	ACCEL.
	ANGLE JEG	LBS	F 1	F1/SEC	FT/SEC/SEC	47 45	ð	CM/SEC	CM/SEC/SEC
00	135.2	1.9605-01	8.3		-2.427E-03	116	. 65 4E	.441E	.397
000	102.6	6.405-01	28.40	786E	.33	2.9056 02	.717E	.443E	~
100	196.0	1.051E 00	28.76	1.785E CG	2.402E-03	4.765E 02		136E	7.321E-02
200	268.8	1.182F 00	28.91	184 E	.33	36 16	. £12E	96	7.126E-03
2	127.5	6.1585-01	29.CE		7.618E-	1001	.8636	36	-2.322E-01
400	106.9	0.253E-01	55.59	785E	. 58	39E8	. 527E	.442E	
600	195.1	1.037E 00	29.45	3887	04.	3937	3515.	30	4.284E-02
.400	203.2	1.194E 00	29.62		=	117E	.029€	.438E	3.305E-01
100	114.2	8.1E4F-01	29.81	1.785E GO	6.028	7 1 2E	CESE	315	-1.637E-01
\$600	116.5	6.CBBE-01	55.62		0.	3197	1416	3E	11000
0	203.4	1.012E 00	20.16		-	388E	.192E	3141	
000	296.3	1.206 00	30.31		.878	71E	238E	437E	
100	106.5	E.463=-01	36. 49		196.	848E		39E	-9.043E-02
-200	113.2	6.104E-01	30-71			769E		643E	o Maria
0	205.1	5.E 14F-01	30.85		.542E	415E		36	1.080E-01
0	298.5	1.183F 00	31.00		116	389		135E	1.804F-01
200	102.2	8.3E3E-01	31.20		-4.502E-03	BCSE		441E	-1.982E-01
14.600	114.5	6.052E-01	31.39		-7.520E-03	1636		443E	-2.292E-01
0	206.4	9.768=-01	31.54		9.29			437E	а.
	295.3	1.191F 00	31.69		7.406E-03	4CZE		356	2.2576-01
0	5.95	10-583333	31.68		4	3326		439E	-1.554E-01
0	116.6	6.251E-01	32.09	1.785E 00	-6.800E-03	2. 835E 02	9. 781E 02	?	-2.682E-01
0	2007	5.536F-01	32.24		1.6146-03	3526		36	4.920E-02
0	305.5	1.173E 00	32.41		5.5946-03			437E	1.7056-01
0	89.4	8.635E-01	32.62			311E	. 54 3E	442E	•
0	120.2	6.2635-01	32.62		-1.107E-02	8416	1.000E 03	4 1E	
0	213.4	10-3844.6	32.58		-5.789E-04	388	005E	96	-1.765E-02
0	306.6	1.175E 00	3.		7.6185-03	5.330E 02	3010	435E	2.322E-01
0	15.1	E. F 56 01	23.34	1.785E CO	-4.834E-03	3116	Olee	375	-1.4746-01
0	123.8	6.392F-01	3		-4.598E-03	3558 ·	022E		-1.4016-01
0	216.6	5.405E-01	33.67		7.487E-04	- 266E	1. C26E 03	38E	2.282E-02
0	309.6	1.1715 66	23.63		5.981E-03	3116		.435E	1.8235-01
0	68.1	8.789E-01	;		;	3676	. 038E	-441E	-1.8736-01
0	125.6	6.3835-01			-1.3256-02	855E	04 2E	.441E	-4.040F-01
0	218.2	5.253E-01	;		3.5836-03	157E		.435E	1.2146-01
0	310.5	1.1655 00	;		1.07EE-02		32 : 3	.433E	3.285E-01
0	65.6	8.573E-01	;		-2.666E-03	3010	.C58E	.441E	
0	127.3	6.562E-01	15.45			311	349	3444-	-3.229E-01
0	215.6	9-1355-01	35.06		-7.785E-03	143E	. C6 EE	.437E	
.800	312.7	1.144E 0C	35.21	1.783E 00	7,2396-03	3161	1.0736 03	435E	2.206E-01
0	58.4	8.9896-01	35.44		-3.751E-03	. C77E		3444.	-1.155E-01
0	129.5	6.780F-01	35.62		-5.8735-03	015E	CEEE	.44 3E	
	223.1	5.221E-01	35.76		5.622E-04	1836	3060	.437E	
200	316.0	1.1325 00	35.92	1.783E 00	5.216E-03	-134€	055E	435E	1.590E-01
.300	46.2	P.7646-01	36.14		-	9866	3101	44.16	-0.0016-02

EXPERIMENTAL CATA

18		TENSION	JE NGTH VEL JC	VFI OC I IV	ACC FI.	TEASICA	LENGTH	VELCCITY	ACCEL
1186 116	ANCLE					1715			
St		185	11	F1/5 FC	FT/SEC/SEC	CRAP	ð	CM/SEC	CH/SEC/SEC
+CC 17.500		.25	36.45	1.783E GO	2.CE7E-04	4.197E 02	O	5.435E 01	6.362E-03
_		.1557	36.62	82 E	6.5038-03	238E	0	4	.000
-		96.	36.64	w	-4.44 BE-03	035E 0	1.123£ 03	0	-356E-
-		. PSOF	37.01	785F	.120	1521	0	36E	36 SE-
_		. 558.	37.15	783E	-1.8151-03	-	1,1325 03	5.435E 01	-5.531E-02
		.146	37.29	82F	6.432E-03	5. 157E 02	_	321	-109E
		=	37.53		-3.540E-03	43E	1.144E C3	4CE	1
		-3575.	27.11	369L	-1.12tf-02	36	365	5.440E 01	3.431F
		.0 30r-	27.86	183E	-3.0678-03		1.154E 03	34E	-9.348E-02
		.130F	38.04	82 E	4.5376-03	342		431E	1.383E-01
		.127E	38.28		5.E73F-04			375	190
		-3455.	34.42	85 F	-4.50 SE-03			10 3155.6	-1.374E-01
		. 8C1F-	28.57		.37 7E	113		31E	-7.245E-02
		.104	34.14	1.783E 00			-20	346	791E
		-3556.	8.5			316		5	-1.608E-01
		-3963.	:9.13		-5.544E-03	1161.	_	-35	-2.909E-01
		.7645	39.25	_	-4.225E-03		-	435E	-1.288F-01
		.166F	39.30	388	9.8531-03	3910	1300	34E	3.0035-01
		.302€	39.49	341	3.C64E-03	.219E		361	9.340E-02
		.445F	39.65		-7.935E-03		1.20 SE 03		1.
		E. £325-01	29.79		5			5.4348 01	-2.13EE-01
		-084E	39.93	1.782E CO	-1.89 3E-04				-5.769F-03
		1663.	40-16		-2.711E-03			5.440E 01	-8.263E-02
		.439E	40.33	85E	38	1746	_		-1.1846-01
		.855	7		*	176		34E	349E-
		2	40.66	1.782F 00	6 - 06 7 5 - 03			336	1.6495-0
		-2883.	15.04		-5116-	122E	_		-1.680E-01
		.63	41.05	785E		.4 1CE		304	-2.571E-01
		. 1615-0	41.21	783E	97.	.156E	_	346	-3.563E-0
		0	41.38		3.92 7E-03	889E	_	326	1.197E-0
26.500	1111	6.6055-01	19-14	1.785 6 00	-	3.903E 02	1. 26EE 03		-3.130E-02
			41.15		-1.183E-03	199	T.		-5.150E-01
		0-1160.	41.89	183E	17.			356	-6.761E-02
			42.05	182 6	8	36		36	Z- 40 3E-01
		•	96.30	1836	4.492E-	1551		-	10-1696-1-
			45.24	84 E	-6.486E-03	.454E	34 52	376	-2.587E-01
		.254=-0	45.58		-192E-	1986		316	-9.730E-02
		٠	42.13		.338E-	E 7 E	_	30	7.126F-0
		-	45.97		5E-	. 582E		36E	17E
		.44	-	845	-3.298E-03	3846	_	=	-1.005E-01
		.9145-0	43.30	2 6	3.103E-03	4.043E 02		5.433E 01	9.459E-02
		.CE7E	43.47		4.4596-03	928E	25E	315	1.359E-01
		3666	43.71	1.785E CO	-5.817E-03	.092E	326	5.442E 01	. 173F
		.7515	43.86	1.784E GO	062F-	516E	33 7E	39	3.236F-
		5.C43E-01	10.55	1.782£ 00	69	.102E	4		.158
							ĺ		

EXPERIMENTAL CATA

ACCEL.	CH/SEC/SEC	4.585E-02	-2.005E-01	1.0696-01	5.735E-02	-2.161E-01	36	7.262E-02	10-1696-01	-1.2196-01	-2.237E-01	-2.346F-01	2.8526-01	:	-8.755E-02	3.0675-01	10-34E-01	•	i.	-3-3376-02	-2.9695-03		1.7146-01	2.371E-01	-7.409E-02	-2.947E-01	-1.463F-01	-2.011E-02	2.842F-02		102E	=	-3.149E 01	-6.299E 01	-6.500E 01	-6.52 JE 01	-2-0486 01	-2.1536 00	9. 750E 00	7-W45E 00	3.5376 00	100000	: .	-6.835F-01
VELOCITY	CM/SEC	5.4416 01	36E	5.432E 01	116	40E			33E	116	_	2		426		20436E 01	346		3.436E 01	376		336	5.428E 01	_	10 E	5.434E 01	306	432E	5 4356 01	5.4016 01	5.2666 01		.748E		-206E	337E	•	-2.485E 00	3133	1785	-3.5036-01		10-2007-1-	
LENGTH	t	1.2526 03	1.358£ 03	-	1.36EE C3			1.363E 03	-	_	1.401E 02	_	1.4116 63	1.4186 63	1.4236 03		4335		60 3644		1.4616 03	1.4656 03	465E 0	1.4746 03	1.482E 03			1.45 EE 03	1. 50 2E 03	175	1.5166 03		1.925E 03	_	_	10:396 03	2165	346	326	10.138E 03		60 346	1	1.:36E 03
TENSICA	GRIP	•	3.524£ 02		4.7536 62						_	100		_					3.493E UZ		376				-				3.5726 62	1236			ш.	9119	.935E			30.30.30		3316	20 34 CR	0036	3000	4.100E 02
ACC EL.	F1/SEC/SEC	1.506E-03	-6.579E-03	3.507E-03	1.831E-03	-7.089E-03	-5.366E-03	•		-3.55 SE-03	-7.339E-03	-7.65 BE-03	9.357E-03	8	-2.872E-03	1.00 ct-02	5-360E-03	-3-17-03	-4.0085-03	- 0	-5-7415-03	-P.61 1F-03		7.7798-03				•	9.324E-04	-2.234F-01	-6.239E-01	-3618	-1.0336 00	2.C6 7E	₹.133E	266107	1.026	- 1.00 SE-02	10-31074	10-3/00-7	10-1005-01	20-05 UE-02		-20-32426-0Z
GTH VELOCITY	F1/SEC						1.784E 00			1.785 00			782E	785E	183E	1797			1 7826 60	1025		782F		w				782 E	1.7846 00						38E-	2 307E 03	-18/6	8.152F-	7. 7306-	200	2067	36	1000	-7.036 E-03
LENGTH	F1	44.40	44.56	44.65	84.99	45.11	45.54	45.38	45.56	45.81	45.55	46.11	46.30	46.54	40.69	40.83	00-14	41.64	47.61	47 40	47.54	48.07	48.20	48.37	48.61	48.75	48.90	60.64	49.91	49.60	49.19	50.05	50.18	20.28	50.36	84.00	20.44	50.36	20.30	20.44	20.00	50.33	20.00	50.38
LENS TON	185	8.124-01					7.922E-01			10-3865-8	.6	-0386-	5	. 78	10-4626-1				0 2785-01			.86	9.237E-01	5	-583F-	- 03460	-3155.	1362 ·	7.9756-01	1125	. CS 8F	-5905	-35	1.238E 00	1626.	20	10/00	- 27070			3 4	35	1	10-5000-5
SSCL.	DEG	12.1	164.6	257.3	₹50.4	14.5	167.3	266.6	21115	78.3	171.6	264.7	1.561	84.5	0.571	5000	2001	04.	246.5	188 4	4.694	178.1	271.2	175.3	88.8	182.1	275.0	158.6	186.2	278.5	156.1	5.96	185.5	5.787	3.251		0.161	603.0		20101	193.5	130.1		
RUN	SEC	22.100	22.200	22.300	55.400	52.500	22.600	22.100	22.800	22.500	23.000	23.100	23.200	21.300	000.67	23.500	33 700	33 600	23.900	24.600	24.100	24.200	24.300	24.400	24.500	24.600	24.700	24. 500	22.000	25.100	25.200	25 .300	25.400	55.500	25.600	25.000	2000	24 500	24 100	201.00	200			2.5
RCOK 11 PF	SEC	31.000	31.100	31.200	37.366	31.+00	31.590	31.600	31.700	31.600	31.900	32.030	32.100	35.200	35.300	32 600	32.500	32 300	12.800	32.505	33.000	33.100	33.200	33.300	33.400	33.500	33.600	33. 100	33.300	34.000	34.100	34.200	34.300	34.400	34.500	34.030	34.100	34.000	35.000	20000	35.200	26.300	207 37	33.400

FXPERIMENTAL CATA

KCOK	NO.	באנו.	TENSION	LENGTH	GTH VELOCITY	4CCEL.	TENSICA	LENCTE	VELOCITY	ACC EL.
SEC	SEC	DFG	Les	F1	FT/SFC	FT/SEC/SEC	GRAM	5	C#/SEC	CH/SEC/SEC
35.600	3.6	296.5	23.	56.36	.761	-8.23CE-03	5.153F 02	1.5336 03	-2.975E-01	
15. 700	0.0	155.6	1.020 00	5.0	4	-3.935E-03		1.534E 02	3 -2.889E-01	-
366.31	0.0	108.€	1.5515-01	65.36		-3.604E-03	.624F	0	-2.912E-01	-
15.900	0.0	20102	8.867£-01	50.	-5.498E-03	-2.803E-03	.031E	0	-2.855E-01	-8-
300.91	0.0	304.6	1.166: 00		-5.666 E-03	•		0	-2.546E-01	-
001.9	0.0	113.7	1.1505 00			-3.646E-03		0	-2.841E-01	-1.172E-0
16.20C	0.0	111.6	8.53801		-9.894 F-03	-3.707E-03		U	-3.016E-01	-1.1306-0
16.300	0.0	504°C	E. 2486-C1	50.		-4.133E-03	1876	0	-3.115E-01	7
004.9	0.0	5.962	9.5746-01		-5.552E-C3	-3.624F-03	. 5246	133F 0	-3.033E-01	-1.105E-0
36.500	0.0	106.5	1.125€ 0€	50.33	-9.834 E-03	-4.564E-03			-2.557E-01	-
009.91	0.0	113.2	5.6583-01	50.36	-9.883E-03	-4.520E-03		-	-3.012E-01	.378F
36. 300	5.0	205.5	8.976-01	50.33	-5.570E-03	-3.532E-03	4. C71E 02	1.534E 03	-2.917E-01	-1.0776-01
008.99	0.0	3.352	C. 7645-01	50.28	-1.017E-02	-4.553E-03		1.532E 03	-3.1CCE-01	-1.388E-01
006-91	0.0	103.0	1.0535 00	50.34	-6.937E-03	-3.727E-03			-2.724E-01	-1.136E-01
303.7	0.0	115.6	9.4205-01	50.39	-9.408E-03	-3.24CF-03	.273E		-2.868E-01	-9.874E-02
17.100	0.0	208.2	6.4235-01	50.35	-5.151E-03	-3.588E-03		1.535E 03	-2.789E-01	-1.093E-
17.20C	0.0	301.4	1.025F 00	50.31	-1.023E-02	-3.66 SE-03		-	-3.1196-01	-
17.30€	0.0	1.16	1.030E 00	50.37	-9.180 E-03	-2.739E-03			-2.758E-01	-8.347E-02
1.400	0.0	115.0	10-1845-3	\$6.35	-5.573E-03	-3.231E-03	- CON -	-	-2.918E-01	-9. 649E-02
7.500	0.0	212.2	-35E	50.34	-9.787E-03	-3.334E-03			-2.983E-01	-1.016E-
7.60€	0.0	306.0		50.30	-4.605 F-03	-3-112E-03	4.7e7E 02	1.5236 03	-2.528E-01	-9.484E-02
7.700	0.0	81.2	1.0495 00	50.35	-9.003E-03	-2.96 7E-03			-2.7446-01	-9.043F
7. 800	0.0	123.2	105-	50.38	-9.567E-03	-2.396F-03			-3.030E-01	-1.035E-(
006.1	0.0	216.0	- E-	20.32	-5.7736-03	-3.056E-03	10		-2.979E-01	-9.315E-02
8.000	0.0	305 .4	1.0445 00	50.29	-1.034E-02	-4.CC8E-03			-3.152E-01	-1.222E-01
E. 10C	0.0	5.59	1.0575 00	50.33	-9.9436-03	-4.072E-03			-3.031E-01	-1.2416-
8.200	0.0	125.6	- 0	SC. 35	-1.031E-02	-4.459E-03			-3.1446-01	
8.300	0.0	218.3	9.0425-01	50.32		-3.204E-03	3101·		-3.038E-01	-9.773E-02
8.400	0.0	311.6	1.627 00	20.30	-9.987E-03	-3.704E-03			-3.044E-01	-1.1296-01
8.500	0.0	64.5	1.0415 00	50.35	-C-364E-03	-3.443E-03		1.5356 03	-2.915E-01	-1.049E-01
8.600	0.0	127.4	\$-120E-01	50.38	-5.434E-03	-3.44 1E-03		_	-2.176E-01	:
8.70C	0.0	220.3	10112-5	50.34	-9.382E-03	-2.931E-03		1.534E 03	-2.660E-01	-8.533E-
8.800	0.0	313.4	1.0305 00	50.30	-5.750E-03	-2.615E-03		1.5336 03	-2.972E-01	-7.983E-02
18. SCC	0.0	2.55	1.020E 00	50.39	-9.388E-03	-1.767E-03		366	-2. F61E-01	-5.387F
0000-61	0.0	130.5	9.6265-01	£0.3E		-2.728E-03		1.536E 03	-2.562E-01	-8.314
9.100	0.0	223.4	17E-	50.33	-c.6C8E-C3	-2.711E-03		*	-2.928E-01	263
15.200	3.0	317.3	41=	50.31		-2.84 7E-03	4.723E 02	1.533E C3	-3.065E-01	678
008.6	0.0	47.5	=	5C.38		-1.7176-03		2	-2.900F-01	-5.234E-02
004.51	0.0	134.3	36 =-	50.37		-3.795E-03	. 053E	1.535E 03	-3.021E-01	-1.158F-01
19.500	0.0	227.8	S	50,32	877	-3.963E-03		3	-3.010E-01	1.
909.61	0.0	311.5	21	50.28	. 897	2.	₹ 166	1.532E 03	.01	N
302 -51	0.0	5.55	1.011F 00	50.37	478	•		1.535E 03	-3688·	-9.382E-02
15.800	0.0	138.1	33	50.34	-1.033F-02	-4-584F-03	4.3528 02	1 6346 03	-1-15CE-01	-1-3076-0
					1		30 3766	-0 346 -01	30000	3116

EXPERIMENTAL CATA

110	ACCEL.	1.913F-01 1.815F-01 1.932F-01	-1.802F-01 -1.467F-01 -1.45F-01	-1.448F-01 -1.595F-01 -1.410F-01	1,652 1,556 1,556 1,556 1,556 1,556	1.258E-01 1.728E-01 1.276E-01 1.516E-01 1.516E-01 1.516E-01	1.427F-01 1.612F-01 1.265F-01 1.391F-01 1.499F-01
CATA PARAMETERS 10 72 NREC = 39 NCFN = 600 KW = 4.640E-01 KA = 4.640E-01	CITY SEC		. 6476-01 . 6476-01 . 7536-01		3.739E-01 3.739E-01 3.739E-01 3.751E-01	3.601E-01 3.601E-01 3.605E-01 3.654E-01 3.656E-01	3.656-01 - 1.056-01 -
DVNAMIC EATA 0.10 C.10 C.10 C.10 C.10 C.10 C.10 C.10	LENGTH VELON		3888	28888		38888888	24444444444444444444444444444444444444
	TENSICA				4.5046 02 4.5146 02 4.5126 02 4.4676 02	4.526 02 4.466 02 4.466 02 4.763 02 4.662 02 4.662 02 4.662 02	4.713E 02 4.497E 02 4.765E 02 4.518E 02 4.518E 02
CSCILLATCR PAHAMETERS MODE AMFLITUDE, INCH FREGUENCY, F	ACCEL.	-6.276E-03 -5.956E-03 -6.339E-03	-5.910E-03 -4.814E-03	-4.752E-03 -5.234E-03 -4.628E-03 -4.825E-03	-5.466-03 -5.466-03 -5.276-03 -5.106-03 -5.256-03	-5.44CF-03 -5.64CF-03 -5.64CF-03 -4.18CF-03 -4.375F-03 -4.375F-03	-4.0811-03 -4.1526-03 -4.1626-03 -4.5626-03 -4.5626-03 -4.516-03
11717N REFL-IN 1.00 2.00 0.0 25.00 55.00	ENGLISH UNITS GTP VELOCITY T FT/SEC	-1.335E-02 -1.330E-02 -1.381E-02	-1.270E-02 -1.197E-02 -1.231E-02	-1.241E-02 -1.250E-02 -1.230E-02 -1.216E-02	-1,270E-02 -1,278E-02 -1,227E-02 -1,226E-02 -1,236E-02	-1.223E-02 -1.266E-02 -1.199E-02 -1.199E-02 -1.217E-02	1.235 E-02 -1.225 E-02 -1.235 E-02 -1.233 E-02 -1.233 E-02
3 3 E	5 u	57.30 57.27 57.37	57.27 57.20 57.31	57.22	57.22 57.29 57.29 57.29 57.25		57.28
AMETERS MATERIAL TICN ERATION; ITY, FPS ERATION; IME, SEC	TENSTON L	5.570E-01 1.053E 00 1.001E 00	2000	9.8275-01 9.9155-01 1.0486 CO	20,000		9.959E-01 9.931E-01 9.914E-01 1.050E-00 5.50E-01 6.629E-01
# IACE PAR CARLE D1950 AGCEL VSICO 1900 11111	CSCL.	249.2	256.6	249.5 248.5 65.5	246.0	243.ee 243.ee 251.ce 251.ce	243.6 243.6 26.3 157.5
2 1 1 1 1 1 1 1 1	RUN TIPE SEC	0000	0000	0000	00000	0000000	000000
TEST NO.	7008 1145 350	0.130	0.500	0.700	1.500	2.100 2.100 2.100 2.200 2.300	2.600 2.800 2.900 3.000

EXP ER IMENTAL DATA

66.1 156.3 243.8								
	185	FT	FT/SEC	F1/SEC/SEC	GRAP	3	CP/SEC	CM/SEC/SEC
	9.557E-01	57.29	-1.2175-02	-5.763E-03	4.516F 02	1.746E 03	-3.708E-01	-1.7576-0
	9.8155-01	57.27	-1.181E-02	5	.452E			-
	.903	57.24	1.190	5.2		1.745E 03		-1.60EE-0
	.050	57.22	-				3.530	1.397
	5.539E-01	57.31	-1.184 02	-4-45 ZE-03	. SCat	1. 14 1E C3	3.609	1.35
	773.	V	-1.1095-02	4	70 3630 7		2 3305 01	
		57.10		: .		1.74.26 (3	0 6	1.302
	040F	57.33	-1.1586-02	-4.3756-03		1 74.75 03	10-3065-6-	2346
	830F-	57.27	-1-190F-02				-3.678 F-01	1.326F-
		57.23	-1-1916-02	;	4.496E 02		-3.621E-01	384
	-054F	57.21	-	-4.2456-03			-3.667E-01	1.294E-
	6	57.31	-1.180E-C2	-5.140E-03		1.147E C3	-3.556E-01	:
	.8435	57.26	-1.193E-02	-5.253E-03			-3.636E-01	-
	٥.	57.23	-1.200E-02	-5.033E-03	3854		-3.658E-01	-1.534E-0
	. 054E	57.17	-1.180E-02	-5.1496-03	3511.		-3.556E-01	-1.569E-01
	547	57.31	-1.177E-C2				-3.588E-01	-1.539E-01
	8	57.27	-1.1495-02	-4.8805-03		0		-1.487E-01
	-512E-	57.23	-1.152E-02	-4.9506-03	1964		-3.512E-01	÷.
	•	57 32	-1.197E-02	20-23-10-6-	4.112E 02	1 1476 03	-3.4365-01	-
		57. 29	-1.1626-02	-4.3366-03				: .
	9.9025-01	57.26	-1-167F-02	-4-8C6F-03	4.491E 02	1. 1456 03		35 56 66 5 F-
	9	57.21	-1.150 E-02	-3.464E-03			-3.505E-01	:
		57.32	-1.160E-02	-4-1698-03			535	-1.271E-0
	۳.	57.29	-1.135E-02	-4.061E-03			-3.458E-01	-1.238E-01
	٠.	57.24	-1.170E-02	-4.745E-03			-3.566E-01	1.44 EE-
	1.C57F 00	57.23		-4.12 SE-03	4.7546 02	1.7446 03	-3.449E-01	:
		57.32	-1.153E-02	-5.064E-03			-3.5156-01	:
	5.834E-01	51.27	-1.179E-02	-4.851E-03			-3.594E-01	4
	٠,	27.75	-1.211E-02	-4.928E-03	4.455E 02		-3.692E-01	
	6502-	57.31	11716-02	-5.208E-03			-3.5706-01	20.36-01
		57.28	-1.100F-02	-5-010F-03			-1.1575-01	627E
	5.9156-01	57.25	-1-140E-02	-5.052E-03			-3.474E-01	1. 54 OF-
	~	57.24	-	-4.070E-03			-3.458E-01	-1.240F-01
		57.33	-1.167E-02	-4.925E-03		1.747E 03	-3.556E-01	\$01E
	~	57.30	-1.161E-02	-3.897E-03			-3.540E-01	-1.188E
	9.9168-01	57.25	-1.180E-02	-3.812E-03	3854.	-	-3.5956-01	-1.162E-01
	٠.	57.23	-1.180E-02	-3.874E-03	.177E		-3.55E-01	-1.181F-0
		51.35	9-36S	-4.786E-03			-3.531E-01	-1.459E-
	~	57.29	-1.147E-02	-3.75 BE-03				-
		57.25	-1.1706-02	•			-3.567E-01	-1.059E-
	•	57.22	-1.169E-02	. 553			-3.562E-01	-
	9.9346-01	51.32	-1.232E-02	-4.485E-03	4.5CEE 02	1.747E 03	-3.755E-01	-1.368F-0

EXPERIMENTAL DATA

						110000		2000	
NO.	OSCL.	IFNSION	LENGTH	VELCCITY	ACCEL.	ENSILA	LENGIL	VELCUIT	ALLEL
SEC	DEG	LPS	ħ	FT/SEC	F1/SEC/SEC	GRAP	à	CP/SEC	CH/SEC/SEC
0.0 000.	256.6	513	51.23		-4.6351-03	42.4576 02	1 .744F 03	-3.6936-01	-1-4146-01
0.0	226.4	1960	57.20	-1.175F-02		ACSE	14.3	-3.5A2F-01	-1.385E-01
0.0	12.5	- 546F-	51.32			3115		-3.4C1F-01	48 BE-
0.0	164.5	-831E-	57.30		-4.2C8E-03		0	-	283F
0.0	256.5	-858E	57.25		-4-325E-03	9054.	0	-3.519E-01	-1.318E-01
0.0	229.3	. C 5 7F	"	-1.124E-C2	-4.053E-03	346			235
0.0	72.1	0			-4-132E-03		0	3.467	259 E
0.0	163.5	135	57.31		-3.696E-03	.451E	0	"	-1.126E-01
0.0	255.6	3	57.27		-4.254E-03	₹ 1965	0	-3.3536-01	309E-
0.0	229.6	12	57.24	-1.112E-02	-3.755E-03		0		145
0.0	11.6	5.52E-01	57.36	-1.163E-02	-4.375E-03	.500E	1.74EE 03	5	334
0.0	163.8	6	57.31	-1.118E-02	-4.143E-03		0		2635
0.0	3.55€		57.25	-1.169E-02	-4.650F-03		1.745E 03	562	-
3.0	226.4	50	57.24	-1.109E-02	-3.733E-03		1.745E 02	-3.379E-01	-1.138E-01
	72.5	32F	57.33	-1.176E-C2	-5.024E-03		1.7476 03	-3.585E-01	531
0.0	164.5	156	57.30	-1.119 6-02	-4.106E-03		1.746E C3		-1.252E-01
0.0	257.6	125	57.24	-1.197E-02	-4.381E-03		0	-3.647E-01	-1.335E-01
0.0	221.0	1.063€ 00	57.21	-1.149E-02	-4.6E 7E-03		0	-3.501E-01	129E
0.0	14.2	5. ¢32E-01	57.33	-1.162 E-02	-4.658E-03		1.747E 03	-3.543E-01	-1.432E-01
0.0	166.6	5.823E-01	57.27	-1.101E-02	-4.206E-03		0	-3.356E-01	-1.282E-01
	258.6	17	57.27	-1.126E-02	-4.6055-03		1. 146E 03	-3.432E-01	-1.404E-01
0.0	221.6		57.23	-1.C71E-02	-3.217E-03		0	-3.265E-01	-9.806E-02
0.0	8.47	24E	51.35	-1.C79E-C2	-4.4CSE-03		0	-3.2896-01	-1.3446-01
0.0	166.2	36	57.31	-1.399 6-02	-1.1435-01		D	-4.26 5E-01	-3.483E 00
0.100	258.5	1.055E CC	57.21	-5.570E-02	-7.954E-01	4.785E 02	0	-1.820E 00	-2.424E 01
002.0	9.777	200	67.76	121	-1.20% 00		1. 1966 03		-3.689E 01
1.300	14.6	25	36.38	10-366-7-			10 1456 02		-3.083E UL
200	165.6		21.30	-3.0 / CE-01	-1.0861 00	4.10ZE 0Z	1.7401 03	10 3081 01	- 3.309E UI
0000	226.5	32	57.16	-5.748 F-01	10.3746-01		1 16 25 03		23.0000
0.700	73.8	325	67.23	-6.657E-01	41 7E-		1.7446 03		1706
00.00	166.5	1.085F 90	57.12	-7.525E-01	279E-	. 923E	1.7416 03		
005.3	255.1	385	85.05	3836-	-16		1.137E 03		16 SE
1.000	222.8	34E	56.85		-9.419E-01		1.733E 03		171E
1.100	15.0	34E	56.88	-1.018E 00	-9.396E-01	.782E	O	-3.104E 01	164E
1.200	158.5	GE.	56.70		-9.3705-01		0		156E
1.300	3.192	30	56.50	.188E	-5.347E-01		0		~
1.400	516.5	14E	56.34		-9.3416-01		1.717E C3	-3.890E 01	
1.500	76.5	10E	56.36	96	-5.366E-01		1.718E 03	-172E	36
1.600	1.69.1	17E	26.20	.458E	-5-355E-01	3526	1.713E C3	.443E	-2.853E OI
1.700	262.6	35	56.01		-9.218E-01			. 703E	*
1.800	213.6	12E	55.76	-1.630E 00	-9.191E-01		1.659E 03		246.0
1.500	16.8	27E			-8.2496-01	1136	1.703E 03	.224E	
2.000	166.5		55.56	.775E	-4.756E-01	€ 196	1.6546 03	-5.409E 01	-1.450E 01
2.100	262.1	47F		-1.797F 00	-1.51 SE-01	4. 145E 02	1.687E 03	.476	-4.618E 00

EXPERIMENTAL CATA

RCOA	TIPE	ANCI F	PASICA	LENGTH	VEL CC LIT	ALLEL.	LENS ICM	LENGIF	AFTECHE	ACLES.
SEC	Sec	CEC	188	FT	FT/SEC	F1/SEC/SEC	CRAP	t	235/42	CH/SEC/SEC
12.590	2.300	76.6	1.0446 00	55.65	-1.800E 00	4.2676-02	4.7358 02	1.678E 03	-5.486E 01	1.3076 00
12.736	2.40)	168.1	1.051 00	54.64	-		4.765E 02	1. €71E 03	369	
12.600	2.500	261.3	€23	54.59		8.652E-03	4.9C9E 02	1.664E C2	-5.459E 01	2.6376-01
2.900	2.600	216.2	3.0	54.38		-1.784E-03		0	52E	
3.00€	5.700	16.2	11	54.29		-8.003E-03		1.655E 03	949	-2.439E-01
3.100	2.800	165.6	111	54.10		-9.082E-03		1.6498 03		-2.76BE-01
3.200	2.900	262.6	J.	53.50	-1.790E 00	-1.055E-02	4.810E 02	1.6428 03	-5.455E 01	-3.215E-01
3.300	3.000	214.5	5	53.72	-1.789F 00	-5.1636-03		1.637E C3		-1.574E-01
3.400	3.100	76.5	1.CE7E 00	53.64		-3.849E-03		1.635£ 03		-1.135-01
3.500	3.200	171.6	0.	53.44	-1.791E 00	-3.25 (E-03	4.761E 02	1.625E 03	-5.460E 01	-1.005E-01
3.600	3.300	264.2	1.6715 00	53.23	-	-1.167E-03		1.6226 03	-5.455E 01	•
3.700	3.400	208.7	16	\$3.02	-1.789E 00	-4.745E-03		1.6166 03	310	-2.057E-01
13.80C	3.500	15.5	117	55.93	-1.792E 00	-9.394E-03	4.870E 02	1. £13£ 03		
13.900	3.600	17:.4	8E	52.72	-1.792F CO	-5.8206-03		1.6C7E 02	-5.461E 01	-1.774E-01
14.000	3.700	564.9	1.083F 00	52.50		9.006F-04		1.60CF 03	-5.455E 01	2.745E-02
201-41	3.800	2111.2	38	52.32	-1.789 6 00	1.549E-03		1.555E 03		4. 722E-02
14.200	3.900	15.3	36	\$2.24	-1.793E CO	-8.69 2E-03	4.863E 02	1.5926 03	165E	-2.6495-01
4.300	4.000	171.9	35	52.01	-1.792E 00	-5.490E-03	. 784E	1.5656 03	-	.893F
14.400	4.100	263.8	1.0795 00	51.78	106L	-5.086E-03	4.895E 02	1.578E (3	-5.456E 01	. 55 OE-
4.500	4.200	211.5	36	51.58	. 789E	8-298E-04		1.5726 03		2.529E-02
4.6CC	4.300	78.8	35		-1.7938 00	-1.251E-03	. 666E	1.57CE C3		-3.936E-02
14.700	4.400	171.4	1.055E 0C	51.29	E 0	-8.895E-03		1.5638 03	-5.463E 01	-2.711E-01
4- 800	4.500	264.1	2.			-6.633E-03		0		-2.0226-01
4.900	4.600	205.4	0		-	-4.30 ZE-03	3297·	1.552E C3		-1.3116-01
000-61	001.	200	11 1	20.65	. 193t	-2.962t-03		1.5491 03		-9.029E-02
20100	008.	173.0	1.055E 00	50.61	1.752E	-		1.5436 03	5.461E	-5136-
2.200	005-5	24:32	2E	50.39	- 790E	-3.818t-03		1.36E 03	10 3454.C-	1.164E-
5.300	2.000	203.0		20.20	1. 789E	-4. 780F-03	1187	1.5306 03		-
2.400	2.100	81.8	1.C76F 00	50.10	. 793E	-6.765E-03	4.881E CZ	1.527E 02	-5.464E 01	-045
2000	2000		11	44.64	1761	-3-3195-03		1056 IE 03		- (
2000	2.300	2000	00 3870.1	49.66	100	-1.1415-03		9		-3.4791-02
3. 700	2.400	5007	32	16.65	. 789E 0	-1.39 3E-03		1.50 SE 03	1000	-147
15.800	2.500	1.24	I.C. 12E OC	05.55	1. 793E U	-6.834E-03		I-scer 03		-2.083E-01
2.900	2.600	175.3	15	49.50	. 192E			0		-2.754E-01
000-91	2.700	267.2	3	48.59	1.790 €	-5.5176-03		1.453E 03	-5.456E 01	-1.682E-01
001-91	2.800	2002	1	48.62	O	1.478F-03		1.488E 03	-5.454E 01	4.506F-02
16.200	2.500	85.3	35	48.73	. 793E	-4.367E-03		1.465E 03	-5.466E 01	-1.331E-01
16.300	000.9	174.5	E	48.54	_	•		0	-5.461E 01	-146F
16.400	6.100	266.1	2	48.33	. 790E 0			1.473E 03	-5.455E 01	-1.942E-01
16.500	6.260	2000€	8 m	48.15	0		.115E	1.46EE 03		-96 BE-
16.600	6.300	82.C	1.042E 00	48.06	0	-4.214E-03		1.465E 03		-284E-
16.700	004.9	174.1	3E	47.66		-4.662E-03		1.459E 03	-5.459E 01	-1.4216-01
16.800	6.500	267.5	TE.	47.64	-1.790E 00	-2.781E-03		1.452E 03	-5.455E 01	•
16.900	009-9	196.5	4	47.44	-1.789E CO	.48		1.446E 03	-5.452E 01	-1.367E-01
1.000	6.730		1 0445 00	72 47	•	E 1305 43				
		1.0	-	000	-1. 193E UU		4. 131E UZ	1.444E U3	10 3604.6-	10-101/01-

EXPERIMENTAL DATA

			ENGL	ENGLISH UNITS			PETRIC	UNITS	
RCDR RUN	N OSCL.	TENSICA	LENGTH	VELCCITY	ACCEL.	TENS ICA	LENGTF	VELOCITY	ACCEL.
			;				:		
		ce?		river	r i vse c vsec	CKAP	3	CAVSEC	CP/SEC/SEC
7.200 6.500		1.CSCE 00	46.53	-1.750E 00	-3.294E-03	.7616 0	1.4306 03	455E	-004E
			46.75		-1.85 7E-04	3181.	1.425E C3	-5.453E 01	-5.783E-03
00 1.100			46.63	-1. 793E 00	-6.5451-03	.174€	1.421E 03	-5.464E 01	-1.595E-01
			46.44	-1.752E CO	-8.346E-03				-2.544E-0
			46.20		-2.059E-03	3011.			-6.275E-0
			46. C2		-3.257E-04	.1526			-9.527E-0
			45.52		-4.613E-03	. 750E	3009		-1.406E-0
			45.72		-6.919E-03	3819			-2.109E-0
			45.51	3061	-4.636E-03	316	3876	-455E	-1.413F-0
			45.34		-1.505E-03	153E		-5.4536 01	-4.601E-0
			45.54		-5.9616-03			.462E	-1.817E-0
			45.03		-4-4598-03		03	-5.460E 01	-1.420E-0
			44.82		-6.797E-04	194E	03	-5.455E 01	-2.072E-0
			44.63		-4.2598-03		1.36CE 02	-5.453E 01	-1.298E-0
			44.57	325E	-6.7696-03		. 357E 03	-5.463E 01	-2.045E-0
20			44.31	-1.792E 00	-5.624E-03		03	-5.461E 01	-1.714E-0
•			44.10	. 790E	-2.08 ZE-03	-	.344E 03		-6.345E-0
80			43.93	89E	-9.540E-04		03		-3.030E-0
			43.80	-1.792E 00	-4.690E-03	_	C3	-5.4636 01	-1.429E-0
			43.60	316L.	-6.117E-03		-	3094.	-2.474E-0
			43.39	-1.789E 00	-4.608E-03		1.122E 03	4536	-1.404E-0
		. 16 SE	43.21	1. 789E	-3.195E-03	5.286E 02	1.3176 03	493€	-9.737E-0
			43.10	. 752E	-6.095E-03	821E	1.2146 03	.463€	-1.858E-0
000 0.200			16.24	-1.7916 00	-6.061E-03		1.3CEE 03	2	-1.647E-01
			45.69	1. 789E	-1.657E-03	8546	_	453E	-5.050E-0
			42.53	1.7895	-1.385E-03	3657	1.256E 03	5.452E	
			42.43	1.792E	-5.7491-03	8 70E		463E	
			42.24	191E	-4.902E-03	1756	1.2876 03	-5.459E 01	-1.494
001.5		200 30 1	46.06		-2 34 35-03	4.850E 02	1.786 03		-0-213E-02
			41.73	1.7926	-4. 11 CE-03		1.2726 03		
20.300 10.0	180.8	1.0386 00	41.52	1.791	-8-485E-03	4.769E G2	6	-5.458F 01	-2.586F-01
00 10.100		1.089€ 00	41.31	1.789€	-4.69.8E-03		63	-	
_			41.15	-1.789E 00	-4.036E-03	3	1.2546 03		-1.230E-0
-		ü	41.03	.793€	-4.293E-03		C	-5.466E 01	-1.309E-01
_		16	40.62		-4.3646-03	-	03	-	-1.330F-
_		"	40.60	306Z.	-1.837E-03		03	_	-5.585 E-02
_		3	40.41	3681	-1.034E-03	-	0	454E	-3.151F-02
-			40.31		-6.885E-03		-	.466E	-2.098E-01
_		32	40.12	-1.791 6 00	-6.7635-03		0	5.45SE	-2.061E-0
_		a.	39.65	1.790€	-2.7786-03	2	0		-8.468E-02
_		75	39.14	3061	-9.572E-04		0	.455E	2.918
_		37	39.63	-1.792E 03	-4.016F-03	=	1.2CEE C3	.463€	-224E-
00 11.200		35	29.43	161.	-7.811E-03		0	-5.460E 01	.381
-		IL.	30.30	7005 00	-4.197E-02	4. 888E 02	1 1686 03	4666	11 370E-A1
			2	2	200	3000		3661.	1

EXPERIMENTAL DATA

KCUR TIEF	N T		MARKET	LINGIA	ALCOCIO.	ALLEL	L Euglen	LENGIL	11170734	ALLEL.
Sec	SFC	956	Sal	-14	FT/SEC	F1/SEC/SEC	GRAP	ð	CP/SEC	C#/SEC/SEC
1.300	11.509	52.4	F CE	39.11		-6.01 5E-03	4.8C7E 02	1.1926 03	-5.466F 01	-1.8336-01
1.960	11.000	186.3	14	34.80	. 792 €	-1.342E-03	646E 0	1. 166E C3	-5.461E 01	4-092E-
22.000	11.700	276.5		38.69	790	40-3418.4	4.904E 02	1.179E 03		1.467E-02
2.100	11.800	172.3	355	38.51	-1.789E CO	-1.C62E-03	.360E 0	1.1746 03		-3.237E-02
2.200	11.500	92.1	:25	38.41	793 E	-7.904E-03	0	1.171E C3	-5.465E 01	-2.409E-01
2.306	12.300	144.1	536	38.18		-8-136E-03	0	1.164E 03		-2.48CE-01
2.400	12.100	277.5	175	37.56		-4.021E-03	4.528E 02	1.1576 03		-1.226E-01
2.566	12.200	165.4	11E	37.78	-1.790 00	-4.588E-04	3	1.152E 03	-5.454E 01	-1.398E-02
5.630	12.300	93.3	1.05CF 00	27.67		-2.107E-03	0	1.1486 03	-464E	-6.422E-02
2.700	15.400	186.3	3F.	37.48	-1.791E 00	-7.23CE-03	0	1.1426 03		-2.204E-01
5.900	12.500	275.3	31E	37.29	-1.790E 00	-5.6391-03	0	1.134E 03	-5.455E 01	-1.719E-01
5.900	12.600	163.1	10E	37.11		-3. 851E-03	5.488E 02	1.1316 03		-1.186F-01
3.000	12.700	65.5	35E	37.00	-1.793 00	-6.420E-03	0	1.12EE 03	-5.466E 01	-1.957E-01
3.100	12.800	188.1	1.0225 00	36.79		-2.348E-03	0	1.121E 03	-5.461E 01	-7.156E-02
3.200	12.900	281.2	34E	36.60		2.251E-03	0	1.1166 03	-5.455E 01	6.862F-02
3.300	13.000	158.2	353	36.41		6.740E-04	0	1.11CE 03	-5.454E 01	2.054E-02
3.400	13.100	66.7	.066E	36.29		-8.5£7E-03	0	1.10cf 03	-5.463E 01	-2.617F-0
3.500	13.200	185.0	306	36.09	-1.791E 00	-1.C39E-02	0	1.100E 03	-5.459E 01	-3-165E-01
3.600	13.300	281.1	1.057 00	35.89	3061	-7.760E-04	4.978E 02	1.CS4E 03	-\$.455E 01	-2.365E-02
3.700	13.400	158.2	33E	35.74		2.1786-03	5.411E 02	1.089E 03		6.6386-0
3.666	13.500	54.2	35E	35.60	-1.793E 00	-1.150E-03	. 787E C	1.CESE C3		-3.505E-02
3.900	13.600	186.2	11:	35.39		-4.732E-03	0	1.079E 03	-5.459E 01	-1.442E-01
4.000	13.700	280.8	1.118E 00	35.18		-5.578E-03	5.070E 02	1.072E C3		-1.822E-01
4.100	13.600	160.1	14E	35.01		-6.151E-03	.505E 0	1.067E 03	-5.454E 01	.875E-
4.200	13.900	2.95	1.0135 66	34.89		-8-420E-03	0	1.063€ 03		-2.56E-0
4.300	14.000	198.8	10E	34.69		-4.650E-03	. 582E 0	1.057E 03	3099	-1.429E-0
24.400	14.100	281.1	900	34.50		2.608E-03	0	1.05 2E 03	-5.454E 01	7.95CE-02
3000	14.200	156.4	4	34.35	1. 789E	1.0426-03	0	1.047E 03		3.177E-02
009 .	14.300	51.1	1.036F 00	34.22	. 753 E	-5.5CCE-03		1. C4 3E 03		-1.676E-01
002.	14.400	190.6	30	34.01		-9.4426-03	0	1.037E 03	-5.459E 01	-2.878E-01
4.800	14.500	284.1	1.1035 00	23.61	1. 790E	-2.96 BE-03	0	1.0306 03		-9.046E-02
4.960	14.600	146.2				1.730E-03	.426E 0	1.025E C3	35E	5.274E-02
2.300	14.700	3.56	355		1.793€	-2.5696-03	0	1.0216 03		-7.829E-0
2.100	14.800	192.4	380		1. 7916		4.573E 02	1.0156 03	w .	-269E-
207.5	14.500	285.5	-114E			-3.486E-03	5.052E 02	35		1
5.300	15.000	144.1	- 158E			-3.877E-03	.436E 0	304E	-5.455E 01	-1.182E-01
25.400	15.100	100.3		35		-8.6876-03	4.649E 02	9.552E 02	-5.465E 01	1
2.500	15.200	192.4	-96 7E-			-7.856E-03	.530E 0		_	
2.600	15,300	285.7	15F	32.36		2.113E-03	0	. 664 €	-5.455E 01	6.439E-02
5. 70C	15.400	146.0	356		-1.7906 00	-9.771E-04	5.439E 02	391	-5.454E 01	.978
2.800	15.500	9.66	C 55			-4.203E-03	4.556E 02		-5.463E 01	102
2.900	15.600	192.2	- 34C		-1.7900 00	-7.593E-03	4.411E 02	. 7136	-5.457E 01	-2.314E-01
6.000	15.700	285.2	u	31.68	-1.789 £ 00	-2.560E-03	5.UC6E 02	9.657E 02	-5.452E 01	-7. 664E-0
26.190	15.800	148.1	950	31	-1.789E GO	-8.456E-04	5.454E 02	9.6C7E 02	-5.454E 01	-2.590E-0
6.200	15.500	100.3	1.003 00	31.39	-1.792E 00	-6.383E-03	4.54SE 02	9.567E 02	-5.462E 01	-1.946E-0

EXPERIMENTAL CATA

			:	ENGL	ENGLISH UNITS	***************************************		PETRIC	PETPIC UNITS	
KC:)K	21.4	OSCF.	TENSION	LENGTH	VEL CC LTV	ACC EL.	TENSICN	L ENGTH	VELOCITY	ACCEL.
2 1	1146	FACLE	:	,						
, , ,	Sec	DEC	res		11/5 € C	FT/SEC/SEC	GRAP	3	CP/SEC	CM/SEC/SEC
26.4:30	1e - 100	5. 385	1.0936 00	30.58	-1.789E GO	-1.705E-03			.453E	-5.196E
3350	16.200	141.6	36	30.83	1.790E	2.54 SE-05			-5.454E 01	7.769E-04
26.600	16.300	102.0	- JE-	30.65	. 792 €	-5.6021-03	.5136		3294.	-1.707E-
26. 700	16.400	195.5	-:-	30.41	-1.751F CO	-6.7595-03	.394E			-2.670E-01
. ecc	16.500	288.5	1.1045 00	30.27	189€	-1.082E-03	.0C7E			-3.297E-02
900	16.400	136.1	4	30.10		-3.832E-03				-1.168E-
.000	16.700	101.0	4	29.67	.793E	-5.73 EF-03				-1.749E
27.190	16.600	146.6	5.602E-01	29.15		-3.036E-03	4.355E C2	9.C6SE 02		-9.254E-02
.2.10	16.900	1.062	36	56.62	-1.789E CO	7.586E-04				2.434F
. 300	17.000	133.6	35	29.41		-6.684E-04				-2.037E-02
064.	17.100	104.6	-36	29.29	-1.792E 00	-1.04 35-02	4.4758 02			-3.179E-
.500	17.200	197.6	-30	13.62		-5.162F-03				-2.792E-01
1.600	17.300	586.5	30	28.89	-1.789E CO	-1.5465-03				-4.713E-
1.100	17.400	136.5	30	28.74		2.540E-03				7.7435-02
908.	17.500	104.1	10-1659.6	28.61	70	-1.116E-03			-5.463E 01	-3.401E-02
305-1	17.600	156.1	75-	28.41	120	-6.46 BE-03				-1.972E-01
0000	17.700	296.0	36	28.22	-1.789E CO	-3.449E-03				-1.051E-
1.100	17.800	133.4	2.	28.05	-	-4.38 7E-03			-5.456E 01	-1.337E-01
1.230	17.500	104.8	-	27.50	192€	-9.3298-03				-2.843E-
1.300	18.000	198.4		27.70	-1.791E GO	-4.211E-03		1000	-5.459E 01	-1.284E-01
. 400	16.100	291.6	1.1435 00	27.50	-1.789F 00	3.2916-03				1,003E-01
.500	18.200	127.6	•	27.35	75.1	2.860E-03		-		8.718F
009.	18.300	107.3	•	27.19		-8.646F-03		1	-5.463£ 01	-2.635F
1.700	18.400	2007		26.58		-1.00 3E-02				-3.057E
008.	18.500	593.5		26. 17	-1.790E CO	-1.9826-03		-		-6.042E-
906.	18.600	122.6		20.62		-2.3596-03		-		-7.190E
000.	16.700	108.5		26.47	.793€	-5.081E-03			34	-1.549E-01
1.100	19.603	30105	9.3:55-61	26.28	-1.790E 00	-2.512F-03	4.252E 02	-	-	-7.657E-02
3.20c	18.500	294.5		20.09		6.550£-03			36	2.118E-
9.300	19.000	155.3	1.2215 00	25.43	-1.789£ CO	-2.8045-04		100	2	-8.546F
004.	15.100	105.1	5	25.11	376€	-1.197E-02			316	-3.649E-01
. 500	15.200	20102	23	25.60	30€	-9.196F-03		-	-456E	-2.803E
29.600	19.300	193.1	1.177E 00	25.39	-1.789E 00	5.9196-04		7.738E 02	-5.453E DI	1.804E-0
1.700	19.400	122.2	2	25.22	306L.	-1.1726-03		-	2000	-3.574E-
. 800	19.00	106.6	9.253E-01	55.06		-7.140F-03			-5.462E 01	-2.176E-
006.	19.600	\$0102	36	24.68		-6.735E-03			_	-2.053F
2000	19.700	294.5	1.1995 00	24.68	1.7895	4.8716-03	5.437E 02	-		1.485
201.0	19.000	115.6	8	24.53	306			1	-5.455E 01	-1.5716-
002.0	19.500	110.2	-	24.38		-5.980E-03		7.432E 02	-5.462E 01	-3.042E-
3.300	26.000	203.1	2	24.17	316	-9.578E-03	4.256E 02		-5.459E 01	-2.919E-
004.0	20.100	296.5	CCE	23.58	-1. 789E CO	-3.903E-03		-		-1.1895-01
2.500	20.200	112.7	906	23.82		-2.113E-03	300 t	-	458	-6.4395-
909.	20.300	112.3	329	23.67	-1.793 6 00	-7.581E-03	3110		465	-2.31 1E-
001.	20.400	205.5	9.528E-C1	23.48	-	-4.820E-03	3228	-	-5.459E 01	-1.4696-
008 .	26.500	220.6	385	22 20		E ANAELOR	C	•		
			1	20.00		200000	300	:	200	100

EXPERIMENTAL DATA

			d		***		T V V V		2	ALLEI
11 WE	116	ANCLE	io icuai	remoin.			Wat 21.3.	Length		
SEC	SFC	930	185	FT	FT/S EC	F1/SEC/SEC	GRAP	ð	CP/SEC	CW/SEC/SEC
000.	20.700	113.7	,	23.00	-1.752E 00	-1.055E-02	3.9146 02	0	-5.4636 01	-3.22EF-01
.166	20.800	266.6	-368	22.80		-6.238E-03	350E	6.54EE 02		-2.511F-01
-200	20.500	258.6	. 245E	22.63	306Z.	4.684E-03		6.89SF 02		1.428F-01
31.300	21.000	109.2	.187	22.46	-		. 384E	845E 0	10	8-649F-02
.466	21.100	113.4	8.5C6F-01	22.30	.793E	-7.284E-03			5-464E	-2.220E-01
31.500	21.200	205.6	135-	22.12	.792E	. 0	360E	6-7446 02	462E	1.98 1E-
	21.300	298.5	-255€	21.55	315	4.503E-04	.691E		458E	3775
31.760	21.400	166.5	1.1625 00	21.80	-1.792E 00	-5.200E-03				-1.585F-01
	21.500	112.7	-153E-	21.62	1.794	-1.063E-02		6.591E 02	5.468E	3-240E
906.	21.600	206.3	-15951-	21.42	-1.789E GO		.426E		-5.452E 01	1-784E-
.000	21.700	295.6	1.265E 00	21.22	ш	6	.829€		5.449E	1.5116-01
001.	21.800	102.6	.149	21.04	-1.789E 00	-3.526E-03			5.454E	1
.200	21.500	115.2	.059	20.86		-1.144E-02		6. 255E 02	-5.459E 01	3.48EE-
.300	22.000	206.4	35E	20.70	386L	-5.741E-03			5.466E	-1.750E-01
204.	22.100	302.2	.338E	20.54	316	1.54 EE-03			3654.	.713F-
.500	22.200	5.95	.1545	20.38		-4.3336-03		6.211E 02		-1.321E-01
32.600	22.300	117.5	7.72E-01	20.20	195E	-1.015E-02			-5.470E 01	-3.094E-01
.700	22.400	210.4	-000	20.00		-6.018E-03		6.057E 02		-1.834E-01
32.800	22.500	303.6	.336€	19.63	-1.792 E 00	6.052E-03			-5.462E 01	1.845F-01
906.	22.600	91.7	. CS BE	19.68		-6.938E-04			-5.464E 01	-2.115F-02
33.066	22.700	118.2	.529E-	19.50		-8.233E-03		5.544E 02		
.100	22.600	216.6	.053E	19.31	192E	-4.206E-03				-1.282E-01
1.200	22.900	303.8	4.	19.12	181€	1.481E-03			-5.458E 01	4.515E-02
. 300	23.000	24.1	.0	18.55	368	-8.199E-03				2.499E-
33.400	23.100	117.7	1.220E-01	18.77		-1.253E-02		5.721E 02		-3.61 eE-01
.500	23.200	510.5		18.58	_	2.334E-03				7.1135-02
009.	53.300	303.6		18.39	_	7.392E-03		Secter C2		2.2535-01
001.	23.400	93.4		18.25		-4-172E-03		_		-1.2716-01
. 800	23.500	116.5	=	18.08	194E	-1.259E-02			-5.469E 01	-3.838E-01
006	23.600	211.7	1.143F 00	17.90		-5.9986-03				-1.828E-01
000	23.700	305.6		17.72	3161.	2.872E-03	. 330E	-400E	1094	8.7536-02
34.100	23.800	36.6	9.531E-01	17.57		8		5.354E 02	5.459E	
007.	23.500	150.6	1.14 IE-01	17.40	1.793€	-1.1065-02				-3.373E-01
34.300	24.000	214.3	=	17.23	3161	7-222E-04	. 582E		5.458E	2.201E-02
304.	24.100	307.1	.43	17.04	192 E	6.647E-03	. 49 1E	. 153E	w	2.026F-01
2000	24.200	PC.4	.01	16. £7	1.793E	-7.652E-03		_		-2.33 2E-01
34.600	24.300	122.1	.200	16.70	:	-1.29 7E-02	3.266E 02	3050.		-3.922E-01
100	24.400	215.4		•	788 F	1.660E-03	. 85 1E		3645·	5.058E-02
.800	24-500	308 .4	1.438E 00	16.30	. 784E			4.568E 02	-437E	1.038E-01
306.	24.600	17.6		16.18	186 E	-1.147E-02		_	-444E	3.497F
000	24.700	122.4		15.50	787E	-1.092E-02		_	3944·	-329E-
001	24.800	215.2		15.73	_	2.96 5E-03			-5.438E 01	9.038E-02
35.200	24.500	308€	.367E	15.63		.095		-	.448E	1.248F-01
.300	25.000	81.1	. E4 1E	15.46	-1.784 60	-9.215E-03		4.711E 02	-5.438E 01	1.
2000	25.100	122.4	-	15.19	-1.786E 00	5.172E-02	3.526E 02	4.631E 02	- 7	1.5766 00
-	7									-

EXPERIMENTAL CATA

			FAGI	FAGI TOP INITE			STINITS UNITS	UNITS	
	_	L. TENSION	LENGTE	VELCCITY	ACCEL.	TENSICA	LENGTH	VELGCITY	ACCEL.
SEC SEC	SEC DE	DEC LES	H	FT/SEC	F 1/SEC/SEC	GRAP	ð	CW/SEC	CM/SEC/SEC
		F.S 1.241E 9C		-1.703E CC	7.5646-01	5.627£ 02		-5.191E 01	2.305E 0
			-	-1.422F 00	5.062E-01	3. C P 02			
				-1.469E 00	1.1675 30	2.255 62		-4.478E 01	
				-5.462E-C1		3167.	4.459E 02		
			_	-3.609F-01	1.1156 00			-1.1COE 01	
36.100 25.tc0		72.5 1.0535 00	14.63	-3.691E-C2	1.150E 00	4.959E 02	4.458E 02		3.504E 01
			14.63	6.387E-C2	4.251E-01				1.3086 01
			-	5.5581-02	-2.883E-01	4.625E 02		1.654E 00	
				2-336E-02	-3.171E-01	6.198E 02	4.458E 02	7.120E-01	
				-1.866E-03	-1.659E-01		4.463E 02	-5.689E-02	
				-1.385E-02	-4.586E-02	2.667E 02	4.461E 02	-4.222E-01	-1.52CE 0
			-	-1.542E-02	9.1845-03	5.4788 02		-4.7C0E-01	2.799€-0
				-1.384E-02	2.C17E-02	6.02 IE 02	4.45tE C2	-4.2186-01	6-331E-01
				-1.274E-02	1.406E-02			-3.884E-01	4.286E-01
				-1.201F-C2	5.055E-03		4.459E 02	-3.660E-01	1.541F-01
100 001	0 220			-1.156 E-02	-5.117E-04			-3.524E-01	-1.761E-02
200 007	21.		14.62	-1.152E-02	-2.795E-03	5.772E 02		-3.510E-01	-8.52CE-02
300 000	9	-		-1.098E-02	-2.C5SE-03			-3.346E-01	-6.275E-0
*00 00\$	0 12			-1.187E-02	-1.764E-03	3.256E 02		-3.419E-01	-5.378E-02
500 005	0 220			-1.1645-02	-1.130E-03		4.467E 02	-3.549E-01	-3.444E-
000	31.			-1-180E-02	-1.5336-04	5.554E 02		-3.5966-01	-2.296E-02
700 001	9 0		_	-1.179 E-02	-1.9406-03			-3.554E-01	-5.913E-0
				-1.1655-62	-1.7116-03			-3.549E-01	-5.214E-0
				-1.1456-02	-1.209E-03			-3.451E-01	-3.686E-0
				-1-185F-02	-1.246E-03			-3.412E-01	-3.79 BE-02
				-1-165E-C2	-2.15EE-03			-3.368E-01	-6.578E-02
				-1.1866-02	-1.5975-03	3.552E 02		-3.615E-01	-4. 868E-02
				-1.144E-02	-2.597E-03			-3.488E-01	-7.916E-02
				-1.144E-02	-2.730E-03		4.462E 02	-3.486E-01	-8.321E-0
			14.65	-1-100E-02	-3.401E-03			-3.353E-01	-1.037E-01
				-1.C91E-02	-2.8CSE-03		4.472E 02	-3.327E-01	-8.563E-02
100 0.0				-5.855E-03	-4.650E-03	6.485E 02		-3.0C4E-01	-1.417E-0
900 008			14.61	-1.128E-02	-2.883E-03	5.180E 02	4.454E 02	-3.438E-01	-8.787E-02
,									

EXPERIMENTAL CATA

120 6000 1.170E-01 1.120E-01	ACCEL.	CHISECISEC	-4.348E-02	-4.434F-02	-4-457E-02	-4.082E-02	-4.219E-02	-4.207E-02	-4-494E-02	:	-4.453E-02	-4.315F-02	-3.823E-02	-4.053E-02	-3.861E-02	-4.011E-02	-3.471E-02	-1.950E-02	-3.846E-02	-4.113E-02	-4.128E-02	-4.313E-02	:	-4.20sE-02	-4.0826-02	-4-1016-02	-3.5096-02	-3.771E-02	-3.696E-02	-3.305E-02
NREC = 120 NCFN = 6000 KW = 1-17 KA = 1-12	UNITS	CP/SEC	-9.550E-02	-9.497E-02	-9-488F-02	-9.582E-02	-9.388E-02	-9.390E-02	-9.66GE-02	-9.401E-02	-9.248E-02	-9.246E-02	-8-974E-02	-8.865E-02	-9-244E-02	-8.833E-02	-9.022E-02	-9-120F-02	-8.852E-02	-9.026E-02	-8.5C9E-02	-9.261E-02	-9.584E-02	-8.931E-02	-9- CC0E-02	-8.7465-02	-6.215E-02	-8.478E-02	-8-182E-02	-8.689E-02
000	LENGTH VELC	3	2.204E 02	-	2.201F 02	2.205E 02		2.15et 02					2.2C4E 02		2.2CEE 02				2.203E 02		2.202E 02			2.202E 02		2.206E 02		2.207E U2		2.2C7E 02
77 77 77 77 77 77 77 77 77 77 77 77 77	TENSICN	GRAP		3666		SETE		5776		3515		3/01	4.581E 02			576E	4.570E G2					576E	57.cE	5776		307 c	570E	37 7E	3916	4.572E C2
AFFLITUDE. FREQUENCY.	ACC EL.	F1/SEC/SEC	-1-427E-03	-1.4555-03	-1-462E-03	-1.339E-03	-1.3846-03	-1.380E-03	-1.475E-03	-1.421E-03	-1.461E-03	-1.4161-03	-1.254E-03	-1.330E-03	-1.267E-03	-1.316E-03	-1.139E-03	-1.2946-03	-1.261E-03	-1 -34 SE-03	-1.3546-03			-1.3811-03	-1.1346-03	-1.345E-03	-1.151E-03	-1.2376-03	-1.2136-03	-1.0846-03
0.25 0.25 0.25 0.25 0.25 0.25 5.00 4.24	ENGLISH UNITS	FT/SEC	-3.146 E-03	-3.116E-03	-3.1136-03	3.275	-3.080 E-03	-3.C81E-C3	-3-1695-03	-3.C84E-03	-3.034F-03	-3.034E-03	-2.544E-03	-2.909£-03	-3.033E-03	-2.898 E-03	-2.560E-C3	-2.992 F-03	-2.504E-03	-2.961E-03			-3.1441-03	-2.530E-C3		-2.869E-03	-2.729E-03	-2.781E-C3	-2.684E-C3	-2.8518-03
P 52	- ENGL I	FT	1.23	7.24	7.22	7.23	7.22	1.21	7.20	7.21	7.21	1.23	7.23	7.24	1.24	1.24	7.24	7.24	1.23	7.23	7.23	7.22	27.52	1.22	7.74	1.24	1.24	1.24	1.25	1.24
CLOCKERATION, FP VECCEL FATION, FP VECCEL ATTION, FP FCD TIPE, SEC INITIAL LENGTH, FT FINAL LENGTH, FT	TENSTON	LBS	0	1.0135 00	0	1.011E 00	0	0	0	0	0	0 5600	1.010E 00	. CC 8F 0	0	0 3633°	1.00gs 00	CCBE	0 3633 ·	0	0	0	9	1.CC SE CC	0	0	0	1.008 00	0	1.0085 00
110125	• 1383	DEC	26.1	20.6	26.1	24.7	26.1	26.1	76.1	26.1	26.1	26.1	26.8	3.92	26.7	26.1	26.8	76.6	26.1	26.1	26.1	7.97	26.1	200	26.6	26.8	3.92	26.6	26.€	26.1
	אנא	SFC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0
* ************************************	RC04	SEC	0.0	001.0	300	004	.500	0.600	. 800	006.0	000.	001.	1.300	204.	.500	009.	001.	006	0000	201.	.200	.300	204.	0000	700	.300	006.	2000	001.	137.

GALCIT GEPT'AT 1 SWT-1129

EXPERIMENTAL CATA

SCOR RLN	. USCL.	1ENSI CN	LENGTH VFLOCT	VELOCITY	ACCEL.	TENSICA	LENGTE	VELOCITY	ACCEL.
35.0	וונים	res	FT	+1/SEC	FT/SEC/SEC	GRAP	5	CMISEC	CP/SEC/SEC
3. +00 0.0	25.6		7.24		-1.253E-03		. 2CEE	.482E-0	-3.819E-02
0.0 00	24.1	1.0096 00	7.25	-2.751E-03	-1.06 8F-03	-	2.2CSE 02	-8.386E-02	-3.257E-02
	36.8	111	1.23	861E-C	-1.349E-03	575t	-205E	-8.719E-02	-4.113E-02
	26.1	121	7.23	2	-	.577E	-202E	-8.791E-02	-3.773E-02
	26.1		7.23	-2.901E-03	-1.352E-03	377E	.204E		-4.121E-0
	26.1		1.22	-2.537E-C3	-1.44 CE-03		300 Z	-8.952E-02	-4.388F-0
	36.55		1.22		-1.495E-03	SEDE	2C 1E	-8.8CCE-02	-4.557E-0
	3.52		7.23	-2.6716-03	-1.416E-03		203E	-8.752E-C2	-4.315E-02
	3.92	1.009E 00	7.22	-2.881E-C3	-1.347E-03				-4.105E-02
	26.1		1.24	-2.174 E-03	-1.294E-03	315E	2C CE	-8.454E-02	-3.94F-0
	34.8		1.24	-2.686E-C3	-1.259E-03		2C7E	-8.188E-02	-3.83EE-0
	26.8	1.007E 00	1.23		-1.335E-03		363E	-7.982E-02	-4.069E-0
	24.6		7.25	-2.844 1-03	-1.196E-03	4.570E C2	35 32	-8.667E-02	-3.644E-0
	36.8	ш	7.25	-2.618E-03	-1.263E-03		3012	-7.979E-02	-3.850E-02
	26.€	u	7.25	-2.751E-03	-1.150E-03		3502	-8.386E-02	-3.507E-0
	26.1		7.25	-2.631E-03	-1.1256-03		2C BE	-8.021E-02	-3.426F-0
	26.€	.0C7E	7.24	-2.706E-03	-1.21 5E-03	3995		-8.249E-02	-3.705E-0
	₹9.6		7.24	-2.617E-03	-1.157E-03	369E		-7.575E-02	-3.528E-0
	26.8		7.24	-2.761E-03	-1.230t -03	.570E		-8.415E-02	-3.750E-0
	26.8		7.24	-2.681E-03	-1.197E-03	.571E		-8-1735-02	-3.648E-0
	26.1		7.22	-2.794E-03	-1.401E-03	373E	2.2CZE 02	-8.515E-02	-4.271E-02
	26.7	1.CCEE OC	7.23		-1.268E-03	3416		-8.460E-02	-3.865E-0
	26.8		7.22	-2.699E-03	-1.408E-03	915E		-8.225E-02	-4.290E-0
	36.8	1.CC BE 00	1.23	976	-1.325E-03			-8.167E-02	-4.04CF-0
	26.8		1.24	-2.724E-03	-1.284E-03			-8.302E-02	-3.913F-0
	26.5		7.24	690	-1.36 7E-03			-8.159E-02	-4.228F-0
	5.92		1.25	-2.734E-03	-1.181E-03	4.566E 02		-8-334E-02	-3.600F-
	26.5	144	7.24	-2.644E-C3	-1-140E-03	4.568E 02		-8.058E-02	-3.475E-0
	26.€		7.25	-2.593E-03	-1.178E-03	573E		-7.903E-02	-3.590E-02
	3.15		7.26	-2.656E-C3	-1.143E-03			-8.0976-02	-3.484E-02
	26.8	u	7.25	-2. £31E-03	-1.099E-03			-8.021E-02	-3.350E-0
	34.8		1.25	-2.523E-03	-1.211E-03	573E		-7.69CE-02	-3.692E-C
	26.8	1,CC8F 0C	1.24	-2.654E-03	-1.23CE-03			-8.090E-02	-3.74EF-0
	24.8		1.24	-2.741E-03	-1.22CE-03			-8.356E-02	
	26.8		7.25	-2.600E-03	-1.244E-03			-7.525E-02	-3.792E-C
	3.65€		7.25	-2.753E-03	-1.310E-03	w		-8.351E-02	-3.992E-0
	36.8	w	1.24	-2.6385-03	-1.353E-03			-8.040E-02	-4.123F-0
	26.8		7.23	-2.580E-C3	-1.292E-03	_		-7.8646-02	-3.93EE-0
	26.8		7.23	2.664	-1.304E-03			-8-1196-02	-3.975F-0
	360€		1.24	-2.447E-C3	-1.3295-03	3416		159	-4.051E-0
	26.8		1.25	-2.618F-03	1.303	570E		-7.979E-02	-3.971F0
	26.5		7.25	-2.470E-03	-9.926E-04	567E		529	-3.025F-0
	26.€		7.26	-2.417E-C3	-1.283E-C3	.567E		99	-3.911F-
	26.5	1.0076 00	1.25	-2.573E-03	1.114	. 567E	2.210E 02	-7.842E-02	-3-394E-02
								-	۰
	3776		1:21	- 3.695-01	2010-1-	A KABE 03		-7 4645-02	- 2 000 E

EXPERIMENTAL DATA

			1	Tour	The state of the s			•	2000	
1185	N. N.	PSCL.	NOI SN31	L ENGTH	VEL OC 11Y	ACCEL.	IENSICA	LENGTH	VELOCITY	ACC EL.
SEC	SfC	Dec	185	14	F1/SEC	FT/SEC/SEC	CF.AP	à	CM/SEC	CM/SEC/SEC
9.666	0.0	24.6	27.2	1.25	-2.575E-03	-1.39 EE-03	4.567E G2	SE	-7.656F-02	-3-34CF-02
8.100	0.0	26.6		7.26	2.592E	-	.566€		-7.9C1F-02	-3.213E-02
€.20€	0.0	20.E	C80	1.25		-1.181E-03	. 570E	106	-7.581E-02	-3.600E-02
€.36€	0.0	24.6	C 85	1.26	2.527F	-			-7.103E-02	.284F
304.8	0.0	36.6	Ces	1.26	. 487E	_	3696.		-8.191E-02	-3.267E-02
8.500	3.0	24.E	383	1.25	ш	-	.572E		-8.C19E-02	-3.696E-02
9.500	0.0	3.97	€ 36 O	7.25	. 543E	1.250			-1.751E-02	
9.730	0.0	36.8	CBE	7.23	2.576E	-	.573€		-7.851E-02	
30€ •3	0.0	36.8	085	7.24	. £56 E	-1.336E-03	.571E		-8.055E-02	
8.900	3.0	56.5	(85	7.25	5.	1.2	3272.		-7.973E-02	-3.815E-02
9.000	0.0	56.9	C 7F	7.25	2.761F	:			-8.417E-02	-3.834E-02
2.100	0.0	26.5	C8+	1.25	7 .	-1.256E-03	3715.		-7.855E-02	-3.630E-C2
6.200	0.0	3.92	-83	7.25	2.517				-7.67CE-02	-3.967E-02
006-5	0.0	5.94	CZE	1.26	3	-1.021E-03	4.56SE C2		-7.768E-02	-3.113E-02
204.5	0.0	26.8	CRE	7.27	2.589 E	-9.495E-04	.571E		-7.85CE-02	-2.854E-02
005.6	0.0	56.5	0 7E	1.27	7	-		-	-7.805E-02	-3.582E-
239.5	0.0	56.5	GTE	1.26	-2.544E-03	-1.239E-03	. 567E		-7.753E-02	-3.7788-(
002.5	0.0	₹9.6	380	7.26	t 11	84	€210€		-1.958E-02	-2.552E-
2.800	0.0	26.€	360	1.25	2.544E-0		4.576E C2		-1.753E-02	-2.990E-
2.900	0.0	3.92	076	7.25	2	-	. 570E		-7.760E-02	-4.192F-02
0.000	0.0	26.8	CBE	1.26	?	-			-7 .583E-02	-3.726F-(
001.0	0.0	26.8	380	1.25	2.606	-1.235E-03	. > 72E	2.211E 02	-7.942E-02	-3.763F-02
007.0	0.0	2007	181	67.	;				-8.16ct-02	-3.346E-C
00.300		3.07	1 000 500	1 34	-7.612E-03	-1.16/1-09	4.571E 02	2.209E 02	-1.960E-02	-3.557F-02
200		3.4.5	100	7 34	,,				-1.10LE-02	20-386-02
2004		36.8	300	7 34	• "	2010			7 4096-02	2 7005 02
0.766	0.0	26.6	CAC	7. 24		: _			-7 454E-02	20.1001.02
0.800	0.0	26.5	27.2	7.26	2			202146 02	-7.256F-02	-3.44CF-02
006.0	0.0	26.8	675	1.27	2	-1.234E-03			-7.420E-02	3.761E-
11.000	2.0	26.8	423	1.27	2.	1.236		2.2156 62	-7.577E-02	-3.767E-02
1.100	0.0	26.5	676	1.26	415				-7.361E-02	-3.378F-02
1.200	0.0	26.5	C85	1.25	-2.544E-03	-1,C71E-03			-7.755E-02	
1.300	0.0	24.6	1.006 00	7.27	409E	8			-7.344E-02	-3.015F-02
1.400	0.0	56.9	390	7.26	5.459	-			-7.496E-02	-3.296E-02
1.500	0.0	3.92	376	7.25	.429				-7.403E-02	3.467E
1.600	0.0	56.5	C 7E	7.26	N	-1.C46E-03			-7.511E-02	3116
1.700	0.0	8.92	360	7.26	2	•			-7.710E-02	3.1734
1.906	0.0	26.1	363	7.25	~		.576E		-7.514E-02	-3.023E-02
1.900	0.0	36.6		7.24	5.544	-		2.2C7E 02	-7.753E-02	-3.892E-02
2.000	0.0	26.8	360	7.24	2.414E	-			-7.359E-02	-3.965E-
2.100	0.0	5.92	CBE	7.24	2.527		.571E		-7.7C1E-02	-3.582F
2.200	0.0	26.5	185	1.25	2.570		.571€		-7.834E-02	-3.792F-
2.300	0.0	26.5	75	1.26	46 6	-			-1.760E-02	
2.400	0.0	54.5	CZE	1.27	-2.446E-03		4.567E 02	2.15E 02	-7.455E-02	-3.277E-
200										

EXPERIMENTAL CATA

	CSCI.	TENS LON	LENGTH	VEL OC 1 TY	ACCEL.	TENSTEN	LENGTH	VELCCITY	ACCEL.
SEC SEC	94615	LBS	11	FT/SEC	F1/SEC/SEC	GRIP	ð	CM/SEC	CM/SEC/SEC
12.500 0.0	59.5	4	7.28	-2.4276-03	-1.066E-03	4.570E C2	.21EE	.358	250E
0.0	5007	1.cce 00	7.27	-2.492E-C3	-35+1	36.5E	2.215E 02	-7.596E-02	.1.
0	56.95	1	7.27	-2.354E-03	-1.13 SE-03	4.567E 02	.2166	-7.258E-02	719
?	26.5	H	1.27	-2.364F-03	-9.331E-04	399€.	31 1Z.	.205	-2.844E-02
0	56.5	1	1.26	-2.4025-03	-	3895	.214€	-7.322E-02	-3.161F-02
2	₹9.5	u:	7.26	-2.454F-C3	-	4.566E 02	.2146	-7.481E-02	-3.211E-02
0	5.97	u.	1.26	-2.375E-03	-1.214E-03		.2125	-7.239E-02	-3.700E-02
c	36.65	4	1.27	-2.454E-C3	-	.572E	36	-7.601E-02	-3.690E-02
5	3.92	36	7.26	-2.454E-03	-1.1776-03		3415.	-7.479E-02	-3.588E-02
0	3.97	1.007= 00	7.25	-2.445E-03	-	9668 0	3632.	.453	-3.855E-02
0	5.92	F	1.24	-2.5C2F-03	-	4.56SE 02	3302.	-7.625E-02	-3.782E-02
0	26.5	20	7.26	-2.509 E-03	-	3495	.212€	-7.649E-02	-3.794E-02
0	5002	4	7.26	-2.447E-03	-	4.566E 02	.2126	-7.457E-02	-3.42 IE-02
0	56.9	36	7.26	-2.233E-03	-1.017E-03		2.214E 02	-6.959E-02	100F
C	54.5	4	7.28	-2.2936-03	-9.6118-04	4.568E 02	3612·	.589	-2.93CF-02
•	26.5	1.CC6E CO	7.27	359	-1.060E-03	4.563E 02	3112	-7.222E-02	-3.230E-02
0	5.92	4	7.28	-2.457E-03	S	4.564E 02	.21 EF	-7.6CSE-02	-2.988E-02
0	56.5		1.27	-2.245E-03	-1.042E-03		3912·	-6.843E-02	-3.177E-02
0	24.9	1.0C6E 00	1.27	-2.255E-C3	-1.654E-04		. 216E		
7		5.829E-01	1.27	2.6781-03	1.0485-01	.458E	. 216E	8.162E-02	3.196E 00
0		1.	7.25	2.539E-02	3.550E-01		.2116	-957E-	
0.200			1.26	6.571E-02	4.174E-01	. 6CSE	.213€	2.125E 00	
		! .	1.21	1.0685-01	3.3758-01	3556	.216E	- 256E	1.0296 01
0	26.6	1	7.30	1.347E-01	2.559E-01	36		4.106E 00	7.80CE 00
	3.22	20045-01	75.1	1.5746-01	2.16 /E-01	141	-23CE	-	
,	2.07	5. /cle-01	1.32	10-181-01	2.048E-01				
, (5.07	9.56.3E-01	1 . 34	2	2.035E-01	3516	.237E	6-028E 00	
,	2.07		1.30	200	10-3110-7	300	3767		
15 500 1 000	3.7.0	20175-01	7 63	7 566 5-01	2 1035-01	4.4796 02	20 3635 02	7 5135 00	6.474E 00
	20.17	715	7 . 2 . 2	3 603 5 01	7 1105 01	3754.	3377	3616.	
1.200	3.45	3675	7.50	10-3769.2	2 0046-01			8.540E 00	6.430E 00
	26.6	u	7.53	3.190F-01	2 CS4E-01	44.75	3646		
-	26.6		7.57	3.404 F-01	2.100E-01	920	36.00		
-	26.9		7.61	3.603F-01	2.011F-01	1559	1216	1.0585 01	
1		1	7.65	3.809 1-01	2-160E-01	36 76	13 2 F	1616	A. 5836 00
-		4	7.67	4.020F-01	2-1116-01	4216	1366	1-225F 01	
1		9.748E-01	7.73	4-227E-01	2.017E-01	1	3576	1.2886 01	6.14RF 00
1.500		9.8015-01	11.11	4.3956-01	1.4105-01	46E			
2		5.814E-C1	7. 82	4.481E-01	5.414E-02		3846		1.65CF 00
2		9.745E-01	1.87	503	4.350E-03	206	35 7E		1.326E-01
2		5.784E-01	15.7	164	-1.125E-02	4386	1116	1.271E 01	3.4306-
2		0	7.55	4.486E-C1	-1.265E-02	276	422E		3.854F
2		4	1.99	4.4785-01	-7.232F-03	391		1.3656 01	-2.204E-01
7		5.752F-01	9.05	4.4758-01	-3.570F-03	4.4235 02	3757	1. 3646	-
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EXPERIMENTAL CATA

2,700 27.0 5.10f 10.0	U.V.	1166	ANGLE	TENS ION	LENGTH	VEL 0C 1 1Y	ACCEL.	TENSICA	LENCTH	VELOCITY	ACC EL .
2.700 27.C \$.170F-01 8.15 \$.480F-01 2.754F-03 4.414 C2 2.465	SEC	SEC) ec	185	FT	FT/SEC	F1/SEC/SEC	CREP	ð	CM/SEC	CM/SEC/SEC
2.000 27.7 9.1111-0.1 8.19 4.486-0.1 1.859-0.9 4.4216 02 2.5959 3.200 27.7 9.105-0.1 8.28 4.481-0.1 1.626-0.9 4.426 02 2.5959 3.200 27.6 9.105-0.1 8.28 4.481-0.1 1.626-0.9 4.426 02 2.5959 3.200 27.6 9.105-0.1 8.28 4.481-0.1 1.626-0.9 4.426 02 2.5959 3.200 27.6 9.105-0.1 8.29 4.481-0.1 1.855-0.9 4.416 02 2.5959 3.200 27.6 9.105-0.1 8.29 4.481-0.1 1.855-0.9 4.416 02 2.5959 3.200 27.6 9.105-0.1 8.29 4.481-0.1 1.855-0.9 4.426 02 2.5959 3.200 27.6 9.105-0.1 8.29 4.481-0.1 1.855-0.9 4.426 02 2.5959 3.200 27.6 9.105-0.1 8.29 4.481-0.1 1.855-0.9 4.426 02 2.5959 4.200 27.6 9.105-0.1 8.29 4.481-0.1 1.855-0.9 4.426 02 2.6659 4.200 27.6 9.105-0.1 8.29 4.481-0.1 1.856-0.9 4.426 02 2.6659 4.200 27.6 9.105-0.1 8.29 4.481-0.1 1.856-0.9 4.426 02 2.6659 4.200 27.6 9.105-0.1 8.29 4.481-0.1 1.856-0.9 4.426 02 2.6659 4.200 27.6 9.105-0.1 8.29 4.481-0.1 1.856-0.9 4.426 02 2.6659 4.200 27.6 9.105-0.1 8.29 4.481-0.1 1.856-0.9 4.426 02 2.6659 4.200 27.6 9.105-0.1 8.29 4.481-0.1 1.856-0.9 4.426 02 2.6659 4.200 27.6 9.105-0.1 8.29 4.481-0.1 1.856-0.9 4.426 02 2.6659 4.200 27.6 9.105-0.1 8.29 4.481-0.1 1.856-0.9 4.426 02 2.6659 4.200 27.6 9.105-0.1 8.29 4.481-0.1 1.856-0.9 4.426 02 2.6659 4.200 27.6 9.105-0.1 8.29 4.481-0.1 1.856-0.9 4.426 02 2.6659 4.200 27.6 9.105-0.1 8.29 4.481-0.1 1.856-0.9 4.426 02 2.6659 4.200 27.6 9.105-0.1 8.29 4.481-0.1 1.826-0.1 4.426 02 2.6246 4.200 27.6 9.105-0.1 8.29 4.481-0.1 1.826-0.1 4.426 02 2.6246 4.200 27.6 9.105-0.1 8.29 4.481-0.1 1.826-0.1 4.426 02 2.6246 4.200 27.6 9.105-0.1 8.29 4.481-0.1 1.826-0.1 4.426 02 2.6246 4.200 27.6 9.105-0.1 8.29 4.481-0.1 1.826-0.1 4.426 02 2.6246 4.200 27.6 9.105-0.1 8.29 4.481-0.1 1.826-0.1 4.446 02 2.6246 4.200 27.6 9.105-0.1 8.29 4.481-0.1 1.826-0.1 4.446 02 2.6246 4.200 27.6 9.105-0.1 8.29 4.481-0.1 1.826-0.1 4.446 02 2.6246 4.200 27.6 9.105-0.1 8.29 4.481-0.1 1.826-0.1 4.446 02 2.6246 4.200 27.6 9.105-0.1 8.29 4.481-0.1 1.826-0.1 4.446 02 2.6246 4.200 27.6 9.105-0.1 8.29 4.481-0.1 1.826-0.1 4.446 02 2.6246 4.200 27.6 9.105-0.1 8.29 4.481-0.1 1.826-0.1 4.446 02 2.624	7.200	2.700	21.6	5.730F-01	8.15		2.764E-03	4.414E C2	2. 4ESE C2	1.366E 01	8-426E-0
2,500 27.1 9.7111-01 8.23 4.484-01 1.628E-03 4.455 02 2.555 3.500 27.2 9.7111-01 8.23 4.484-01 1.628E-03 4.455 02 2.555 3.500 27.2 9.718-01 8.45 4.481-01 2.625E-03 4.418 02 2.551 3.500 27.2 9.718-01 8.45 4.481-01 2.625E-03 4.418 02 2.551 3.500 27.2 9.718-01 8.45 4.481-01 1.778-03 4.418 02 2.551 3.500 27.2 9.718-01 8.45 4.481-01 1.778-03 4.418 02 2.551 3.500 27.2 9.718-01 8.45 4.481-01 1.208-03 4.418 02 2.551 3.500 27.2 9.718-01 8.53 4.486-01 1.208-03 4.428 02 2.628 4.500 27.2 9.718-01 8.52 4.482-01 1.108-03 4.428 02 2.628 4.500 27.1 9.781-01 8.65 4.481-01 1.208-03 4.428 02 2.628 4.500 27.1 9.781-01 8.65 4.481-01 1.628-03 4.428 02 2.628 4.500 27.1 9.781-01 8.65 4.481-01 1.028-03 4.428 02 2.628 4.500 27.1 9.781-01 8.65 4.481-01 1.028-03 4.428 02 2.718 4.500 27.1 9.781-01 8.65 4.481-01 1.028-03 4.428 02 2.718 4.500 27.1 9.781-01 8.65 4.481-01 1.028-03 4.438 02 2.718 4.500 27.1 9.781-01 8.65 4.481-01 1.028-03 4.438 02 2.718 4.500 27.1 9.781-01 8.65 4.481-01 1.028-03 4.438 02 2.718 4.500 27.1 9.781-01 8.65 4.481-01 1.028-03 4.438 02 2.718 4.500 27.1 9.781-01 8.65 4.481-01 1.068-03 4.438 02 2.718 4.500 27.1 9.781-01 8.65 4.481-01 1.068-03 4.438 02 2.718 4.500 27.1 9.781-01 8.65 4.481-01 1.068-03 4.438 02 2.718 4.500 27.1 9.781-01 8.65 4.481-01 1.068-03 4.438 02 2.718 4.500 27.1 9.781-01 8.65 4.481-01 1.068-03 4.438 02 2.718 4.500 27.1 9.781-01 8.65 4.481-01 1.068-03 4.438 02 2.718 4.500 27.1 9.781-01 8.65 4.481-01 1.068-03 4.438 02 2.718 4.500 27.1 9.781-01 8.65 4.481-01 1.068-03 4.438 02 2.718 4.500 27.1 9.781-01 8.65 4.481-01 1.068-03 4.438 02 2.718 4.500 27.1 9.781-01 8.65 4.481-01 1.068-03 4.438 02 2.718 4.500 27.1 9.781-01 8.65 4.481-01 1.068-03 4.438 02 2.718 4.500 27.1 9.781-01 8.65 4.481-01 1.068-03 4.448 02 2.718 4.500 27.1 9.781-01 8.65 4.481-01 1.068-03 4.448 02 2.718 4.500 27.1 9.781-01 8.65 4.481-01 1.068-03 4.448 02 2.718 4.500 27.1 9.781-01 8.65 4.481-01 1.068-03 4.448 02 2.718 4.500 27.1 9.781-01 8.65 4.481-01 1.068-03 4.448 02 2.718	7.306	2.800	27.6	5.147E-C1	8.19		1.8598-03	4.421E 02	2.495E 02	1.367E 01	5.665E-02
3.100 37.0 5.154-01 8.28 4.484-01 -1.625-04 4.472 02 2.5374 3.200 27.0 5.174-01 8.37 4.481-01 -1.855-03 4.472 02 2.5374 3.200 27.0 5.174-01 8.49 4.481-01 -1.855-03 4.472 02 2.5374 3.500 27.0 5.174-01 8.49 4.481-01 -1.855-03 4.472 02 2.5374 3.500 27.0 5.174-01 8.49 4.481-01 1.011-03 4.412 02 2.512 03 0.00 26.5 5.174-01 1.00 0.00 27.0 5.174-01 1.00 0.00 0.00 27.0 5.174-01 1.00 0.00 27.0 5.174-01 1.00 0.00 27.0 5.174-01 1.00 0.00 0.00 27.0 5.174-01 1.00 0.00 0.00 0.00 0.00 0.00 0.00 0	7.400	006. 7	27.1	9.7116-01	8.23	4	3.60 3E-04	.5E	2.5CSE 02	1.3676 01	1.0986-02
3.100 27.6 9.7175-01 8.32 4.4818-01 1.7472-04 4.4026 02 2.5918 3.200 27.6 9.718-01 8.41 4.4818-01 1.7472-03 4.4126 02 2.5918 3.400 26.5 9.718-01 8.49 4.479-01 1.2018-03 4.4126 02 2.5918 3.500 27.6 9.718-01 8.49 4.479-01 1.2018-03 4.4126 02 2.5918 3.500 27.6 9.718-01 8.49 4.479-01 1.2018-03 4.4126 02 2.5918 3.500 27.6 9.718-01 8.62 4.4828-01 1.1018-03 4.4126 02 2.5918 3.500 27.6 9.718-01 8.62 4.4828-01 1.1018-03 4.4126 02 2.5918 4.000 27.6 9.718-01 8.62 4.486-01 1.1018-03 4.4236 02 2.6426 4.000 27.6 9.718-01 8.62 4.486-01 1.1018-03 4.4236 02 2.6426 4.000 27.6 9.718-01 8.62 4.486-01 1.1018-03 4.4236 02 2.6426 4.000 27.6 9.718-01 8.62 4.486-01 1.1018-03 4.4236 02 2.6426 4.000 27.6 9.718-01 8.62 4.486-01 1.1018-03 4.4236 02 2.6426 4.000 27.6 9.718-01 8.62 4.486-01 1.1018-03 4.4236 02 2.6426 4.000 27.6 9.718-01 8.62 4.486-01 1.1018-03 4.4236 02 2.6426 4.000 27.6 9.718-01 8.62 4.486-01 1.1018-03 4.4236 02 2.6426 4.000 27.6 9.718-01 8.62 4.486-01 1.1018-03 4.4236 02 2.6426 4.000 27.6 9.718-01 8.62 4.486-01 1.1018-03 4.4236 02 2.7186 4.000 27.6 9.718-01 9.72 4.486-01 1.1018-03 4.4236 02 2.7186 4.000 27.6 9.718-01 9.22 4.486-01 1.1018-03 4.4236 02 2.7186 4.000 27.6 9.718-01 9.22 4.486-01 1.1018-03 4.4236 02 2.7186 4.000 27.6 9.718-01 9.22 4.486-01 1.1018-03 4.4236 02 2.7186 4.000 27.6 9.718-01 9.22 4.486-01 1.1018-03 4.4236 02 2.7186 5.000 27.6 9.718-01 9.22 4.486-01 1.1018-03 4.4236 02 2.7186 5.000 27.6 9.718-01 9.23 4.486-01 1.1018-03 4.4236 02 2.7186 5.000 27.6 9.718-01 9.72 4.486-01 1.1018-03 4.4266 02 2.7186 5.000 27.6 9.718-01 9.72 4.486-01 1.1018-03 4.4266 02 2.7186 5.000 27.6 9.718-01 9.72 4.486-01 1.1018-03 4.4266 02 2.7186 5.000 27.6 9.718-01 9.72 4.486-01 1.1018-03 4.4266 02 2.7186 5.000 27.6 9.718-01 9.72 4.486-01 1.1018-03 4.4266 02 2.7186 5.000 27.6 9.718-01 9.72 4.486-01 1.1018-03 4.4266 02 2.7186 5.000 27.6 9.718-01 9.72 4.486-01 1.1018-03 4.4466 02 2.7186 5.000 27.6 9.718-01 9.72 4.486-01 1.1018-03 4.4466 02 2.7186 5.000 27.6 9.718-01 9.72 4.486-01 1.1018-03 4.4466 02 2.7186 5.000 27.6 9.718-01 9.72 4.4	7.500	3.000	27.0	5.754F-01	8.2A	484 E	-	34	20 345	1.3675 01	-4.963E-02
3.200 27.0 9.705E-01. 8.37 4.483E-01 1.775E-04 4.402E 02 2.5951E 3.500 27.0 9.705E-01. 8.37 4.483E-01 1.775E-04 4.402E 02 2.5951E 3.500 27.0 9.775E-01 8.59 4.483E-01 1.011E-03 4.412E 02 2.5951E 3.500 27.0 9.751E-01 8.59 4.478E-01 1.001E-03 4.412E 02 2.5951E 3.500 27.0 9.751E-01 8.59 4.478E-01 1.001E-03 4.412E 02 2.5951E 4.000 27.0 9.751E-01 8.59 4.478E-01 1.707E-03 4.423E 02 2.612E 4.000 27.0 9.751E-01 8.59 4.478E-01 1.707E-03 4.423E 02 2.612E 4.000 27.0 9.751E-01 8.59 4.488E-01 1.707E-03 4.423E 02 2.643E 4.000 27.0 9.751E-01 8.62 4.488E-01 1.707E-03 4.423E 02 2.643E 4.000 27.0 9.751E-01 8.62 4.488E-01 1.707E-03 4.423E 02 2.643E 4.000 27.0 9.751E-01 8.62 4.488E-01 1.707E-03 4.423E 02 2.643E 4.000 27.0 9.751E-01 8.62 4.488E-01 1.707E-03 4.423E 02 2.643E 4.000 27.0 9.751E-01 8.62 4.488E-01 1.707E-03 4.423E 02 2.707E 4.000 27.0 9.751E-01 8.63 4.488E-01 1.707E-03 4.423E 02 2.707E 4.000 27.0 9.751E-01 9.00 4.481E-01 2.361E-03 4.423E 02 2.707E 4.000 27.0 9.751E-01 9.00 4.481E-01 2.361E-03 4.423E 02 2.707E 4.000 27.0 9.751E-01 9.00 4.481E-01 1.092E-03 4.423E 02 2.707E 4.000 27.0 9.751E-01 9.00 4.481E-01 1.092E-03 4.423E 02 2.707E 4.000 27.0 9.751E-01 9.00 4.481E-01 1.092E-03 4.423E 02 2.707E 4.000 27.0 9.751E-01 9.00 4.481E-01 1.092E-03 4.423E 02 2.707E 4.000 27.0 9.751E-01 9.00 4.481E-01 1.092E-03 4.423E 02 2.707E 4.000 27.0 9.751E-01 9.20 4.481E-01 1.092E-03 4.423E 02 2.707E 0.00 27.0 9.751E-01 9.20 4.481E-01 1.092E-03 4.423E 02 2.707E 0.00 27.0 9.751E-01 9.20 4.481E-01 1.092E-03 4.423E 02 2.707E 0.00 27.0 9.751E-01 9.20 4.481E-01 1.092E-03 4.425E 02 2.707E 0.00 27.0 9.707E-01 9.70 4.481E-01 1.001E-03 4.425E 02 2.707E 0.00 27.0 9.707E-01 9.70 4.481E-01 1.001E-03 4.425E 02 2.707E 0.00 27.0 9.707E-01 9.707E-03 4.425E 02 2.707E 0.00 27.0 9.707E-01 9.707E-01 1.001E-03 4.425E 02 2.707E 0.00 27.0 9.707E-01 9.707E-01 1.001E-03 4.425E 02 2.707E 03	1.690	3.100	27.6	5.7175-01	8.32	4.491E-C1	2.625E-04		2.537E 02	1.366E 01	8.001E-0
3.500 27.6 5.174=01 8.41 4.484=01 -1.054=03 4.418E 02 2.5464 3.500 27.6 5.174=01 8.49 4.478=01 -2.661E-03 4.418E 02 2.616E 3.500 27.6 5.175=01 8.49 4.478=01 1.001E-03 4.418E 02 2.616E 3.500 27.6 5.735=01 8.62 4.482=01 1.405=03 4.418E 02 2.616E 3.600 27.0 9.731=01 8.62 4.482=01 1.405=03 4.431E 02 2.616E 4.000 27.0 9.756=01 8.76 4.484=01 1.405=03 4.431E 02 2.655E 4.000 27.0 9.756=01 8.76 4.486=01 -2.652E-03 4.431E 02 2.655E 4.000 27.1 5.185=01 8.76 4.486=01 -2.652E-03 4.431E 02 2.655E 4.000 27.1 5.185=01 8.76 4.486=01 -2.652E-03 4.431E 02 2.655E 4.000 27.1 5.185=01 8.76 4.486=01 -2.652E-03 4.431E 02 2.730E 4.000 27.1 5.185=01 8.76 4.486=01 -2.652E-03 4.431E 02 2.730E 4.000 27.1 5.185=01 8.76 4.486=01 -2.652E-03 4.431E 02 2.730E 4.000 27.1 5.185=01 8.76 4.486=01 -2.652E-03 4.431E 02 2.730E 4.000 27.1 5.185=01 9.00 4.481E=01 -2.652E-03 4.431E 02 2.730E 4.000 27.1 5.185=01 9.00 4.481E=01 -2.652E-03 4.431E 02 2.730E 4.000 27.1 5.185=01 9.00 4.481E=01 -2.652E-03 4.431E 02 2.730E 4.000 27.1 5.185=01 9.00 4.481E=01 -2.652E-03 4.431E 02 2.730E 4.000 27.1 5.185=01 9.2 4.486E=01 -3.672E-03 4.431E 02 2.730E 5.000 27.1 5.185E=01 9.2 4.486E=01 -3.672E-03 4.431E 02 2.730E 5.000 27.1 5.185E=01 9.2 4.486E=01 -3.672E-03 4.431E 02 2.730E 5.000 27.1 5.185E=01 9.2 4.486E=01 -3.672E-03 4.431E 02 2.730E 5.000 27.1 5.185E=01 9.2 4.486E=01 -3.672E-03 4.431E 02 2.730E 5.000 27.1 5.185E=01 9.2 4.486E=01 -3.672E-03 4.431E 02 2.730E 5.000 27.1 5.185E=01 9.2 4.486E=01 -3.672E-03 4.431E 02 2.730E 5.000 27.1 5.185E=01 9.2 4.486E=01 -3.672E-03 4.431E 02 2.730E 5.000 27.1 5.185E=01 9.2 4.486E=01 -3.672E-03 4.431E 02 2.730E 5.000 27.1 5.185E=01 9.2 4.486E=01 -3.672E-03 4.431E 02 2.730E 5.000 27.1 5.185E=01 9.2 4.486E=01 -3.672E-03 4.431E 02 2.730E 5.000 27.1 5.185E=01 9.2 4.486E=01 -3.672E-03 4.431E 02 2.730E 5.000 27.1 5.185E=01 9.2 4.486E=01 -3.672E-03 4.431E 02 2.730E 5.000 27.1 5.185E=01 9.2 4.486E=01 -3.672E-03 4.431E 02 2.730E 5.000 27.1 5.185E=01 9.2 4.486E=01 -3.672E-03 4.431E 02 2.730E 5.000 27.1 5.185E=01	7. 706	3.200	27.0	9.705E-01.	8.37	4.483E-01	7.472E-04		2.551E 02	1.366E 01	2.2776-02
3.500 2.6.5 5.1718-01 8.46 4.4818-01 -1.6585-03 4.418E 02 2.5718 3.500 2.7.5 5.7738-01 8.58 4.4788-01 1.0118-03 4.418E 02 2.618E 3.800 2.7.5 5.7738-01 8.58 4.4788-01 1.0118-03 4.428E 02 2.618E 4.000 2.7.0 5.738-01 8.58 4.4888-01 1.0388-03 4.428E 02 2.653E 4.000 2.7.0 5.758-01 8.76 4.4888-01 1.0388-03 4.428E 02 2.653E 4.000 2.7.0 5.758-01 8.76 4.4888-01 1.0388-03 4.428E 02 2.653E 4.000 2.7.0 5.758-01 8.76 4.4888-01 1.0388-03 4.428E 02 2.653E 4.000 2.7.0 5.758-01 8.76 4.4888-01 1.0388-03 4.428E 02 2.729E 4.000 2.7.0 5.758-01 8.76 4.4888-01 1.0388-03 4.428E 02 2.729E 4.000 2.7.0 5.758-01 9.00 4.4888-01 1.0388-03 4.428E 02 2.729E 4.000 2.7.0 5.758-01 9.00 4.4888-01 1.0328-03 4.428E 02 2.729E 4.000 2.7.0 5.758-01 9.00 4.4888-01 1.0328-03 4.428E 02 2.729E 4.000 2.7.0 5.758-01 9.00 4.4888-01 1.0328-03 4.428E 02 2.729E 5.000 2.7.0 5.758-01 9.14 4.4888-01 1.0328-03 4.428E 02 2.729E 5.000 2.7.0 5.758-01 9.14 4.4888-01 1.0428-03 4.428E 02 2.729E 5.000 2.7.0 5.758-01 9.2 4.4888-01 1.0458-03 4.428E 02 2.729E 5.000 2.7.0 5.758-01 9.2 4.4888-01 1.0458-03 4.428E 02 2.8888-03 5.700 2.70	7.800	3.300	27.6	5.741E-01	8.41	4.4845-01	-1.775E-03		2.564E 02	1.367E 01	-5.411E-0
3.500 27.6 5.7275-01 8.49 4478E-01 -2.667E-03 4.412E 02 2.661E 3.700 26.5 9.751E-01 8.5 4.486E-01 1.016E-03 4.423E 02 2.661E 3.700 27.0 9.751E-01 8.5 4.486E-01 1.001E-03 4.423E 02 2.621E 4.000 27.0 9.751E-01 8.7 4.486E-01 1.005E-03 4.423E 02 2.621E 4.000 27.0 9.751E-01 8.7 4.486E-01 1.005E-03 4.423E 02 2.661E 4.000 27.0 9.756E-01 8.7 4.486E-01 1.025E-03 4.425E 02 2.661E 4.000 27.0 9.756E-01 8.7 4.486E-01 1.025E-03 4.425E 02 2.717E 4.000 27.1 5.163E-01 8.6 4.486E-01 1.025E-03 4.425E 02 2.717E 4.000 27.1 5.163E-01 8.6 4.486E-01 1.026E-03 4.425E 02 2.717E 4.000 27.1 5.163E-01 8.6 4.486E-01 1.026E-03 4.425E 02 2.717E 4.000 27.1 5.163E-01 8.6 4.486E-01 1.026E-03 4.425E 02 2.717E 4.000 27.1 5.163E-01 9.0 4.481E-01 1.026E-03 4.425E 02 2.717E 4.000 27.1 5.163E-01 9.0 4.481E-01 1.026E-03 4.425E 02 2.717E 4.000 27.1 5.163E-01 9.0 4.481E-01 1.026E-03 4.425E 02 2.717E 4.000 27.1 5.163E-01 9.0 4.481E-01 1.026E-03 4.425E 02 2.717E 5.000 27.1 5.163E-01 9.0 4.481E-01 1.026E-03 4.435E 02 2.717E 5.000 27.1 5.163E-01 9.0 4.481E-01 1.026E-03 4.435E 02 2.717E 5.000 27.1 5.163E-01 9.2 4.486E-01 1.026E-03 4.435E 02 2.717E 5.000 27.1 5.163E-01 9.2 4.486E-01 1.026E-03 4.435E 02 2.717E 5.000 27.1 5.163E-01 9.2 4.486E-01 1.026E-03 4.435E 02 2.717E 5.000 27.1 5.080E-01 9.2 4.486E-01 1.026E-03 4.435E 02 2.717E 5.000 27.1 5.080E-01 9.2 4.486E-01 1.026E-03 4.435E 02 2.717E 5.000 27.1 5.080E-01 9.2 4.486E-01 1.026E-03 4.435E 02 2.717E 5.000 27.1 5.080E-01 9.2 4.486E-01 1.037E-03 4.435E 02 2.717E 5.000 27.1 5.080E-01 9.2 4.486E-01 1.037E-03 4.435E 02 2.717E 5.000 27.1 5.080E-01 9.2 4.486E-01 1.037E-03 4.435E 02 2.717E 5.000 27.1 5.080E-01 9.2 4.486E-01 1.037E-03 4.435E 02 2.717E 5.000 27.1 5.080E-01 9.2 4.486E-01 1.037E-03 4.435E 02 2.717E 5.000 27.1 5.080E-01 9.2 4.486E-01 1.037E-03 4.435E 02 2.717E 6.000 27.1 5.080E-01 9.2 4.486E-01 1.037E-03 4.435E 02 2.717E 6.000 27.1 5.080E-01 9.2 4.486E-01 1.037E-03 4.435E 02 2.717E 6.000 27.1 5.080E-01 9.2 4.486E-01 1.037E-03 4.435E 02 2.717E 6.000 27.1 5.080E-01 9.2 4.48	7.930	3.400	5.92	9.717E-01	8.46	4.481E-01	-1.855E-03		2.577E 02	1.366E 01	-5.655E-02
3.700 22.5 9.736E-01 8.53 4.478E-01 1.011E-03 4.416E 02 2.616E 3.800 27.0 9.735E-01 8.51 4.486E-01 1.006E-03 4.425E 02 2.643E 4.000 27.0 9.755E-01 8.15 4.486E-01 1.056E-03 4.425E 02 2.643E 4.000 27.0 9.756E-01 8.15 4.486E-01 1.056E-03 4.425E 02 2.643E 4.000 27.0 9.756E-01 8.15 4.486E-01 1.056E-03 4.425E 02 2.655E 4.000 27.0 9.756E-01 8.5 4.486E-01 1.056E-03 4.425E 02 2.655E 4.000 27.0 9.765E-01 8.5 4.486E-01 1.056E-03 4.426E 02 2.655E 4.000 27.1 9.765E-01 8.5 4.486E-01 1.056E-03 4.426E 02 2.717E 4.000 27.1 9.765E-01 8.5 4.486E-01 1.056E-03 4.436E 02 2.717E 4.000 27.1 9.765E-01 9.00 4.481E-01 2.955E-03 4.436E 02 2.717E 4.000 27.1 9.765E-01 9.00 4.481E-01 2.955E-03 4.436E 02 2.717E 4.000 27.1 9.765E-01 9.00 4.481E-01 2.955E-03 4.436E 02 2.717E 4.000 27.1 9.765E-01 9.00 4.481E-01 1.056E-03 4.436E 02 2.717E 0.00 27.0 9.765E-01 9.00 4.481E-01 1.056E-03 4.436E 02 2.717E 0.0 27.0 9.765E-01 9.1 4.481E-01 1.056E-03 4.436E 02 2.717E 0.0 27.0 9.765E-01 9.1 4.481E-01 1.056E-03 4.436E 02 2.717E 0.0 27.0 9.765E-01 9.1 4.481E-01 1.056E-03 4.436E 02 2.717E 0.0 27.0 9.765E-01 9.1 4.481E-01 1.056E-03 4.436E 02 2.717E 0.0 27.0 9.765E-01 9.1 4.481E-01 1.062E-03 4.436E 02 2.717E 0.0 27.0 9.765E-01 9.1 4.481E-01 1.062E-03 4.436E 02 2.717E 0.0 27.0 9.765E-01 9.1 4.481E-01 1.062E-03 4.436E 02 2.717E 0.0 27.0 9.765E-01 9.2 4.481E-01 1.062E-03 4.445E 02 2.717E 0.0 27.0 9.716E-01 9.70 4.481E-01 1.062E-03 4.445E 02 2.717E 0.0 27.0 9.716E-01 9.70 4.481E-01 1.062E-03 4.445E 02 2.717E 0.0 27.0 9.716E-01 9.70 4.481E-01 1.062E-03 4.445E 02 2.717E 0.0 27.0 9.716E-01 9.70 4.481E-01 1.067E-03 4.445E 02 2.717E 0.0 27.0 9.716E-01 9.70 4.481E-01 1.067E-03 4.445E 02 2.717E 0.0 27.0 9.717E-03 4.481E-01 1.067E-03 4.445E 02 2.717E 0.0 27.0 9.717E-03 4.481E-01 1.067E-03 4.445E 02 2.717E 0.0 27.0 9.717E-01 9.70 4.481E-01 1.077E-03 4.445E 02 2.717E 0.0 27.0 9.717E-01 9.70 4.481E-01 1.077E-03 4.445E 02 2.717E 0.0 27.0 9.717E-01 9.70 4.481E-01 1.077E-03 4.445E 02 2.717E-03 1.00 02 2.717E	E. 000	3.500	27.6	5.727E-01	8.49	4.479E-01	-2.667E-03	126	2. SERE 02	1.365E 01	-8.128E-02
3,000 26.5 9,735E-01 8.28 4,480E-01 1,107E-03 4,423E 02 2,616E 1,900 27.0 5.5 9,755E-01 8.62 4,480E-01 1,107E-03 4,423E 02 2,625E 4,000 27.0 9,76E-01 8.7 4,480E-01 1,109E-03 4,430E 02 2,625E 4,000 27.0 9,76E-01 8.3 1,443E-01 1,03E-03 4,430E 02 2,63E 6,4300 27.0 9,75E-01 8.3 1,4430E-01 1,92E-03 4,430E 02 2,63E 6,4300 27.0 9,75E-01 8.3 1,4430E-01 1,92E-03 4,430E 02 2,63E 6,4300 27.0 9,75E-01 8.3 1,4430E-01 1,92E-03 4,430E 02 2,73DE 4,400 27.1 9,75E-01 8.3 1,4430E-01 1,92E-03 4,430E 02 2,73DE 4,400 27.1 9,75E-01 8.3 1,4430E-01 1,92E-03 4,43DE 02 2,73DE 4,400 27.1 9,75E-01 9,00 4,481E-01 1,92E-03 4,43DE 02 2,73DE 6,400 27.1 9,75E-01 9,00 4,481E-01 1,92E-03 4,43DE 02 2,73DE 6,400 27.1 9,75E-01 9,00 4,481E-01 1,92E-03 4,43DE 02 2,73DE 6,400 27.0 9,75E-01 9,00 4,481E-01 1,92E-03 4,43DE 02 2,73DE 6,400 27.0 9,75E-01 9,00 4,481E-01 1,92E-03 4,43DE 02 2,73DE 6,500 27.0 9,75E-01 9,00 4,481E-01 1,92E-03 4,43DE 02 2,73DE 6,500 27.0 9,75E-01 9,00 4,481E-01 1,92E-03 4,43DE 02 2,75E 6,500 27.0 9,75E-01 9,00 4,481E-01 1,22E,7-03 4,43DE 02 2,75E 6,500 27.0 9,75E-01 9,00 4,481E-01 1,22E,7-03 4,43DE 02 2,75E 6,500 27.0 9,75E-01 9,00 4,481E-01 1,22E,7-03 4,43DE 02 2,75E 6,500 27.0 9,75E-01 9,00 4,481E-01 1,20E-03 4,43DE 02 2,75E 6,500 27.0 9,75E-01 9,00 4,481E-01 1,20E-03 4,43DE 02 2,75E 6,500 27.0 9,75E-01 9,75E-01 1,20E-03 4,43DE 02 2,75E 6,500 27.0 9,75E-01 9,75E-01 1,20E-03 4,43DE 02 2,75E 6,500 27.0 9,80DE-01 9,49DE-01 1,20E-03 4,43DE 02 2,75E 6,70D 27.0 9,80DE-01 9,75E 6,70D 27.0 9,70DE-03 4,43DE 02 2,75E 6,70D 27.0 9,80DE-01 1,20E-03 4,43DE 02 2,75E 6,70D 27.0 9,80DE-01 1,20E-03 4,43DE 02 2,75E 6,70D 27.0 9,70DE-03 4,43DE-01 1,20E-03 4,43DE 02 2,75E 6,70D 27.0 9,70DE-03 4,43DE-01 1,70DE-03 4,43DE-01 1,70DE-03 4,43DE-01 1,70DE-03 4,43DE-01 1,70DE-03 4,43DE-01 1,70DE-03 4,43DE-01 1,70DE-03 1,70DE-03 1,70DE-03 1,70DE-03 1,70DE-03 1,70DE-03 1,70DE-03 1,70DE-03 1,7	001-8	3.600	26.5	5.736E-01	8.53		1.0116-03	391	2.6016 02	1.365E 01	3.082E-0
3,800 26.5 5,775 - 01 8.62 4,482 - 01 1,470 - 03 4,438 0 2 6,438 0 4,438 0 2 6,438 0 2	8.200	3.700	56.5	9.751E-01	8.58	4.4805-01	1.207E-03	23E	2. ELEE 02	1.366E 01	3.680E-02
3.900 27.0 \$7.615-01 8.67 4.482E-01 1.1098E-03 4.426E 02 2.643E 4.100 27.1 \$7.86E-01 8.76 4.484E-01 1.058E-03 4.426E 02 2.657E 4.300 27.1 \$7.86E-01 8.76 4.481E-01 1.058E-03 4.426E 02 2.677E 4.300 27.1 \$7.86E-01 8.76 4.481E-01 1.928E-04 4.436E 02 2.710E 4.400 27.1 \$7.86E-01 8.76 4.481E-01 1.2952E-03 4.426E 02 2.710E 4.400 27.1 \$7.86E-01 8.05 4.481E-01 2.9952E-03 4.436E 02 2.710E 4.400 27.1 \$7.86E-01 9.06 4.481E-01 2.9952E-03 4.436E 02 2.710E 4.400 27.1 \$7.86E-01 9.06 4.481E-01 1.0928E-03 4.436E 02 2.710E 4.400 27.1 \$7.86E-01 9.06 4.481E-01 1.0928E-03 4.436E 02 2.710E 4.400 27.1 \$7.75E-01 9.14 4.481E-01 1.0928E-03 4.436E 02 2.710E 4.400 27.1 \$7.75E-01 9.14 4.481E-01 1.0928E-03 4.436E 02 2.710E 4.400 27.1 \$7.75E-01 9.14 4.481E-01 1.0928E-03 4.436E 02 2.710E 4.400 27.1 \$7.75E-01 9.14 4.481E-01 1.0928E-03 4.436E 02 2.710E 4.400 27.1 \$7.75E-01 9.14 4.481E-01 1.0928E-03 4.436E 02 2.710E 4.400 27.1 \$7.75E-01 9.14 4.481E-01 1.0928E-03 4.436E 02 2.710E 5.700 27.1 \$7.86E-01 9.77 4.481E-01 1.260E-03 4.436E 02 2.710E 5.710E 5.700 27.1 \$7.86E-01 9.73 4.481E-01 1.260E-03 4.436E 02 2.710E 5.710E 5.71	€. 30¢	3.800	56.5	5.773F-01	8.62	4	1.470E-03	33E	2. EZEE 02	1.366E 01	4.480E-02
4,000 27.0 9,7615-01 8,71 4,4845-01 -1,0585-03 4,4216 2,655 4,200 27.0 5,755-01 8,75 4,4865-01 -3,7565-03 4,4316 02 2,655 4,200 27.0 5,756-01 8,75 4,4815-01 -3,7565-03 4,426 02 2,757 4,500 27.1 5,756-01 8,75 4,4815-01 -3,756-03 4,436 02 2,757 4,500 27.1 5,766-01 8,75 4,4815-01 2,185-03 4,436 02 2,757 4,500 27.1 5,785-01 9,04 4,4815-01 1,1855-03 4,436 02 2,737 4,500 27.0 9,785-01 9,14 4,4815-01 1,1855-03 4,436 02 2,737 5,00 27.0 9,786-01 9,14 4,4815-01 1,1855-03 4,445 02 2,736 5,00 27.0 9,786-01 9,27 4,4815-01 1,282 02 2,736	8.400	3.900	27.6	5.E23E-C1	8.67	4.482E-C1	1.1098-03	36E		1.366E 01	3.380E-02
4,100 27.0 5.788-01 8.76 4,4848-01 4,4306-04 4,4396-02 2.6678 4,300 27.0 9.786-01 8.86 4,488-01 -2.9528-03 4,4396-02 2.6878 4,400 27.1 9.786-01 8.91 4,488-01 -2.9528-03 4,4366-02 2.7778 4,500 27.1 9.786-01 9.00 4,4818-01 2.898-03 4,436 0.2 2.7786 4,500 27.1 9.786-01 9.00 4,4818-01 1.9286-04 4,436 0.2 2.7786 4,800 27.0 9.786-01 9.14 4,4818-01 1.9286-04 4,436 0.2 2.7786 4,800 27.0 9.786-01 9.14 4,4818-01 1.9286-04 4,436 0.2 2.7786 5,00 27.0 9.786-01 9.14 4,4818-01 1.9286-04 4,456 0.2 2.7766 5,00 27.0 9.786-01 9.2 4,486-01 1.8076-04 4,456 0.2 2.7766	8.500	4.000	27.0	9.7615-01	8.71	4.484E-01		312	-	1.367E 01	-3.225E-0
4,200 27.0 5.7166-01 8.62 4,486F-01 -1,526F-03 4,436E 2.506F 4,400 27.1 5.756F-01 8.76 4,480F-01 -2,952F-03 4,436E 0.2 2.700E 4,400 27.1 5.756F-01 8.76 4,480F-01 -2,952F-03 4,436E 0.2 2.779E 4,500 27.1 9.780F-01 9.00 4,481F-01 1.095F-04 4,439E 0.2 2.779F 4,500 27.1 9.780F-01 9.14 4,481F-01 1.928F-04 4,439E 0.2 2.779F 4,800 27.0 9.759F-01 9.14 4,481F-01 1.928F-04 4,451E 0.2 2.778F 5,100 27.759F-01 9.77 4,481F-01 1.662F-03 4,451E 0.2 2.778F 5,100 27.759F-01 9.77 4,481F-01 1.662F-03 4,451E 0.2 2.788F 5,100 27.759F-01 9.77 4,481F-01 1.746F-03 4,451E 0.788F 2.787F <td>9-600</td> <td>4.100</td> <td>27.6</td> <td>5.785E-01</td> <td>8.76</td> <td>4.484E-01</td> <td>4.430E-04</td> <td>385</td> <td></td> <td>1.367E 01</td> <td>1.350E-02</td>	9-600	4.100	27.6	5.785E-01	8.76	4.484E-01	4.430E-04	385		1.367E 01	1.350E-02
4,300 27.0 9,7565-01 8,86 4,483E-01 -2,952E-03 4,4256 02 2,710E 4,500 27.1 9,76E-01 9,00 4,481E-01 2,389E-03 4,426 02 2,717E 4,500 27.1 9,76E-01 9,00 4,481E-01 2,389E-03 4,4256 02 2,717E 4,500 27.1 9,76E-01 9,00 4,481E-01 1,926E-04 4,4396 02 2,759E 4,500 27.2 9,75E-01 9,00 4,481E-01 1,926E-04 4,439E 02 2,759E 4,500 27.0 9,756E-01 9,14 4,481E-01 1,926E-03 4,425 02 2,767E 2,000 27.0 9,756E-01 9,14 4,481E-01 1,926E-03 4,425 02 2,767E 2,700E 2,700 27.0 9,759E-01 9,27 4,481E-01 1,926E-03 4,431E 02 2,809E 2,700 27.0 9,759E-01 9,27 4,481E-01 1,260E-03 4,431E 02 2,809E 2,700 27.0 9,759E-01 9,27 4,481E-01 1,260E-03 4,431E 02 2,809E 2,700 27.0 9,76E-01 9,29 4,481E-01 1,745E-03 4,491E 02 2,809E 2,700 27.0 9,76E-01 9,49 4,481E-01 1,746E-03 4,491E 02 2,809E 04 0,776E-01 9,49 4,481E-01 1,776E-03 4,491E 02 2,809E 04 0,776E-01 9,776E-01 1,776E-03 4,491E 02 2,809E 04 0,776E-01 1,776E-03 4,491E 02 2,809E 04 0,776E-01 1,776E-03 4,491E 02 2,776E 04 0,776E-01 1,776E-03 1,7	8.700	4.200	27.6	5.780E-01	8.62	4.486E-01	-1.528E-04	306	-	1.367E 01	-5.876E-03
4,400 27.1 9.763E-01 8.51 4,480E-01 -2.952E-03 4,426E 02 2,717E 4,500 27.2 9.765E-01 9.02 4,481E-01 2,88E-03 4,430E 02 2,729E 4,500 27.2 9.761E-01 9.02 4,481E-01 2,88E-03 4,430E 02 2,729E 4,500 27.2 9.761E-01 9.02 4,481E-01 1.092E-04 4,430E 02 2,729E 4,500 27.2 9.765E-01 9.08 4,481E-01 1.092E-03 4,430E 02 2,767E 6,500 27.2 9.765E-01 9.08 4,481E-01 1.092E-04 4,430E 02 2,767E 6,500 27.2 9.765E-01 9.22 4,486E-01 1.062E-03 4,431E 02 2,767E 6,500 26.5 5.769E-04 9.22 4,486E-01 1.060E-03 4,431E 02 2,767E 6,500 26.5 5.816E-01 9.20 4,486E-01 1.060E-03 4,431E 02 2,809E 6,500 26.5 5.816E-01 9.20 4,486E-01 1.060E-03 4,431E 02 2,809E 6,500 27.5 5.809E-04 1.060E-03 4,431E 02 2,809E 6,500 27.5 5.809E-04 1.060E-03 4,431E 02 2,809E 6,500 27.5 5.809E-04 1.060E-03 4,431E 02 2,809E 6,500 27.5 5.809E-01 9.49 4,486E-01 1.061E-03 4,431E 02 2,809E 6,500 27.5 5.809E-04 1.060E-03 4,431E 02 2,809E 6,500 27.5 5.809E-01 9.80 4,480E-01 1.060E-03 4,431E 02 2,809E 6,500 27.5 5.809E-01 9.80 4,480E-01 1.0799E-03 4,431E 02 2,809E 6,500 27.5 5.809E-01 9.80 4,480E-01 1.0799E-03 4,431E 02 2,809E 6,500 27.5 5.809E-01 9.80 4,480E-01 1.0799E-03 4,431E 02 2,809E 6,500 27.5 5.809E-01 9.80 4,480E-01 1.0799E-03 4,431E 02 2,809E 6,500 27.5 5.809E-01 9.80 4,480E-01 1.0799E-03 4,431E 02 2,809E 6,500 27.5 5.809E-01 9.80 4,480E-01 1.0799E-03 4,431E 02 3,909E 6,600 26.5 5.809E-01 1.060E-03 4,431E 02 3,009E 6,600 26.5 5.809E-01 1.060E-03 4,431E 02 3,909E 6,600 26.5 5.809E-01 1.060E-03 1.060E-03 4,431E 02 2,909E 6,600 26.5 5.809E-01 1.060E-03 1.	8.800	4.300	27.0	9.756F-01	8.86	4.483E-01	-3.86 EE-03	36Z		1.367E 01	-1.1796-01
4,500 27.0 9,707E-01 8.55 4,478E-01 -1,416E-03 4,430E 02 2,729E-04 4,481E-01 2,389E-04 4,439E 02 2,746E-04 2,709E-04 4,481E-01 1,092E-03 4,425E 02 2,746E-04 2,709E-04 2,709E-04 4,481E-01 1,092E-03 4,425E 02 2,746E-04 2,746E-04 4,445E-02 2,746E-04 2,746E-04 2,709E-04 <	8.900	4.400	27.1	5.763E-01	8.51	4.480E-01	-2.952E-03	28 E		1.366E 01	-8.997E-02
4.600 27.1 9.781E-01 9.00 4.481E-01 2.389E-03 4.437E 0.2 2.144E 4.700 27.1 9.781E-01 9.04 4.481E-01 1.093E-04 4.439E 0.2 2.145E 4.500 27.6 9.785E-01 9.14 4.483E-01 1.093E-04 4.435E 0.2 2.167E 5.000 27.6 9.785E-01 9.14 4.483E-01 1.093E-04 4.435E 0.2 2.167E 5.000 27.6 9.785E-01 9.14 4.483E-01 1.206E-03 4.435E 0.2 2.167E 5.000 26.5 5.715E-01 9.2 4.486E-01 1.206E-03 4.452E 0.2 2.836E 5.00 27.6 5.815E-01 9.2 4.486E-01 1.366E 0.2 2.836E 5.00 27.6 5.805E-01 9.436E-01 1.486E-01 1.366E 0.2 2.836E 5.00 27.6 5.805E-01 9.436E-01 1.486E-01 1.446E-03 4.434E 0.2	0000.6	4.500	27.0	9.767E-01	8.55	4	-1.7476-03	30E	_	1.365E 01	-5.326E-0
4.700 27.0 9.786E-01 9.04 4.481E-01 8.695F-04 4.439F 02 2.755F 4.800 27.0 9.756E-01 9.14 4.483E-01 1.028E-04 4.435F 02 2.767F 5.000 27.0 9.759E-01 9.14 4.483E-01 1.928E-04 4.435F 02 2.767F 5.000 27.0 9.769E-01 9.22 4.484E-01 1.662E-03 4.435F 02 2.786F 5.200 26.5 5.759E-01 9.27 4.486E-01 1.662E-03 4.455F 02 2.824F 5.200 26.5 5.815E-01 9.20 4.486E-01 1.2662E-03 4.455F 02 2.824F 5.200 27.0 9.769E-01 9.3 4.486E-01 1.2662E-03 4.455F 02 2.824F 5.200 27.0 9.805E-01 9.3 4.486E-01 1.613E-03 4.455F 02 2.859F 5.200 27.0 9.76E-01 9.49 4.486E-01 1.613E-03 4.455F 02 2.859F 5.200 27.0 9.76E-01 9.49 4.486E-01 1.613E-03 4.455F 02 2.859F 6.200 27.0 9.805E-01 9.69 4.486E-01 1.613E-03 4.459F 02 2.859F 6.200 27.0 9.805E-01 9.69 4.486E-01 1.671E-03 4.459F 02 2.859F 6.200 27.0 9.795E-01 9.69 4.486E-01 1.671E-03 4.459F 02 2.859F 6.200 27.0 9.795E-01 9.69 4.486E-01 1.671E-03 4.459F 02 2.859F 6.200 27.0 9.795E-01 9.69 4.486E-01 1.671E-03 4.459F 02 2.859F 6.200 27.0 9.795E-01 9.69 4.486E-01 1.671E-03 4.459F 02 2.859F 6.200 27.0 9.795E-01 9.69 4.480E-01 2.795E-04 4.459F 02 2.859F 6.200 27.0 9.795E-01 9.80 4.480E-01 2.795E-04 4.459F 02 2.859F 6.200 27.0 9.795E-01 9.80 4.480E-01 2.795E-03 4.455F 02 2.859F 6.200 27.0 9.795E-01 9.80 4.480E-01 2.795E-03 4.455F 02 2.859F 6.200 27.0 9.795E-01 9.80 4.480E-01 2.795E-03 4.455F 02 2.859F 6.200 27.0 9.795E-01 9.80 4.480E-01 2.795E-03 4.455F 02 3.039F 6.200 27.0 9.795E-01 9.70 4.480E-01 2.795E-03 4.455F 02 3.039F 6.200 27.0 9.795E-01 9.70 4.480E-01 2.795E-03 4.455F 02 3.039F 6.200 27.0 9.795E-01 9.70 4.480E-01 2.795E-03 4.455F 02 3.039F 6.700 27.0 9.795E-01 9.70 4.480E-01 2.795E-03 4.455F 02 3.039F 6.700 27.0 9.795E-01 9.70 4.480E-01 2.795E-03 4.455F 02 3.039F 6.700 27.0 9.795E-01 9.70 4.480E-01 2.795E-03 4.455F 02 3.039F 6.700 27.0 9.795E-01 9.70 4.480E-01 2.795E-03 4.455F 02 3.039F 6.700 27.0 9.795E-01 9.70 4.480E-01 2.795E-03 4.455F 02 3.039F 6.700 27.0 9.795E-01 9.70 4.480E-01 2.795E-03 4.455F 02 3.039F 6.700 27.0 9.795E-01 9.70 4.480E-01 2.795E-03 4.455F 02 3.039F 6.700 27.0 9.795E-01 9.70 4.480E	9.100	4.600	27.1	9.781E-01	00.6	4.481E-01	2.389E-03	37E		1.366E 01	7.282E-02
4.500 27.0 9.756E-01 9.08 4.484E-01 1.092E-03 4.425E 02 2.767E 5.000 26.5 9.759E-01 9.14 4.483E-01 1.062E-03 4.445E 02 2.767E 5.000 27.0 9.769E-01 9.22 4.484E-01 1.562E-03 4.431E 02 2.809E 5.200 26.5 5.775E-01 9.27 4.484E-01 1.260E-03 4.431E 02 2.809E 5.200 26.5 5.815E-01 9.27 4.484E-01 1.260E-03 4.431E 02 2.809E 5.200 26.5 5.815E-01 9.23 4.486E-01 1.746E-03 4.456E 02 2.836E 5.500 27.1 5.806E-01 9.448E-01 1.671E-03 4.456E 02 2.836E 5.500 27.1 5.806E-01 9.448E-01 1.636E-03 4.446E 02 2.836E 5.700 27.1 5.801E-01 9.448E-01 1.671E-03 4.446E 02 2.836E 5.700 27.1 9.801E-01 9.548E-01 1.671E-03 4	9.200	4.700	27.0	9. 786E-01	9. 64	4.481E-01	8.695E-04	366		1.366E 01	2.650E-02
5.100 27.0 9.759E-01 9.14 4.483E-01 1.928E-04 4.438E 02 2.7576 5.100 27.0 9.769E-01 9.27 4.485E-01 1.665E-03 4.431E 02 2.8756 5.100 27.0 9.769E-01 9.27 4.485E-01 1.260E-03 4.431E 02 2.8756 5.200 26.5 5.816E-01 9.27 4.485E-01 1.260E-03 4.431E 02 2.824E 5.200 26.5 5.816E-01 9.23 4.486E-01 1.3641E-03 4.452E 02 2.835E 5.200 27.0 5.605E-01 9.23 4.486E-01 1.367E-03 4.452E 02 2.835E 5.200 27.0 5.605E-01 9.43 4.486E-01 1.746E-03 4.445E 02 2.875E 5.200 27.0 5.776E-01 9.43 4.486E-01 1.613E-03 4.445E 02 2.875E 5.200 27.0 5.776E-01 9.49 4.486E-01 1.613E-03 4.449E 02 2.927E 5.200 27.0 5.776E-01 9.63 4.486E-01 1.671E-03 4.449E 02 2.927E 6.200 27.0 5.796E-01 9.63 4.486E-01 1.671E-03 4.449E 02 2.937E 6.200 27.0 5.796E-01 9.63 4.486E-01 1.671E-03 4.449E 02 2.937E 6.200 27.0 5.796E-01 9.69 4.486E-01 1.671E-03 4.449E 02 2.937E 6.200 27.0 5.796E-01 9.69 4.486E-01 1.671E-03 4.449E 02 2.937E 6.200 27.0 5.796E-01 9.69 4.486E-01 1.671E-03 4.449E 02 2.937E 6.200 27.0 5.796E-01 9.69 4.486E-01 1.671E-03 4.449E 02 2.937E 6.200 27.0 5.796E-01 9.69 4.486E-01 1.671E-03 4.445E 02 2.937E 6.200 27.0 5.796E-01 9.69 4.486E-01 1.671E-03 4.445E 02 2.937E 6.200 27.0 5.796E-01 9.69 4.486E-01 1.671E-03 4.445E 02 2.937E 6.200 27.0 5.796E-01 9.69 4.486E-01 1.671E-03 4.445E 02 2.937E 6.200 27.0 5.796E-01 9.69 4.486E-01 1.677E-03 4.445E 02 2.937E 6.200 27.0 5.796E-01 9.69 4.486E-01 1.677E-03 4.445E 02 2.937E 6.200 27.0 5.796E-01 9.69 4.486E-01 1.677E-03 4.445E 02 3.020E 6.200 27.0 5.796E-01 9.69 4.486E-01 1.677E-03 4.445E 02 3.020E 6.200 27.0 5.796E-01 9.69 4.486E-01 1.677E-03 4.445E 6.200 27.0 5.796E-01 9.69 4.486E-01 1.677E-03 3.043E 6.2	9-300	008.4	27.0	9.7565-01	80.6	4.484E-01	1.09 2E-03	25E		1.3676 01	3.3306-02
5.200 27.0 5.759E-01 9.22 4.484E-01 1.662E-03 4.431E 02 2.756E-03 5.775E-01 5.775E-01 9.22 4.484E-01 1.662E-03 4.431E 02 2.805E 5.805E-03 4.431E 02 2.805E 5.805E-03 4.455E 02 2.815E 02	304.5	005-4	5.97	9. 7855-01	9.14	4.483 E-01	1.928E-04	385		1.366E 01	5.876E-0
5.200 26.5 5.173E-01 9.22 4.485E-01 1.662E-03 4.431E 02 2.803E 5.200 26.5 5.400 26.5 5.805E-01 9.27 4.485E-01 1.264E-03 4.452E 02 2.803E 5.200 26.5 5.815E-01 9.27 4.486E-01 -3.641E-03 4.452E 02 2.803E 5.400 26.5 5.805E-01 9.23 4.486E-01 -3.671E-03 4.452E 02 2.853E 5.400 27.6 9.805E-01 9.43 4.486E-01 -3.677E-03 4.452E 02 2.853E 5.400 27.6 9.805E-01 9.59 4.486E-01 9.099E-04 4.434E 02 2.853E 6.200 27.1 9.801E-01 9.59 4.486E-01 -5.503E-04 4.445E 02 2.957E 6.200 27.1 9.801E-01 9.59 4.486E-01 -5.503E-04 4.445E 02 2.957E 6.200 27.1 9.801E-01 9.59 4.486E-01 -5.503E-04 4.445E 02 2.937E 6.200 27.1 9.805E-01 9.72 4.486E-01 -2.875E-03 4.445E 02 2.937E 6.200 27.1 9.805E-01 9.72 4.489E-01 -2.875E-03 4.445E 02 2.937E 6.200 27.1 9.805E-01 9.72 4.489E-01 -2.875E-03 4.445E 02 2.937E 6.200 27.1 9.805E-01 9.72 4.489E-01 -2.875E-03 4.445E 02 2.937E 6.200 27.1 9.805E-01 9.72 4.489E-01 -2.875E-03 4.445E 02 2.937E 6.200 27.1 9.802E-01 9.72 4.489E-01 -2.875E-03 4.445E 02 2.937E 6.200 27.1 9.802E-01 9.72 4.489E-01 -2.875E-03 4.445E 02 2.937E 6.200 27.1 9.802E-01 9.72 4.489E-01 -2.875E-03 4.445E 02 2.937E 6.200 27.1 9.802E-01 9.72 4.489E-01 -2.875E-03 4.445E 02 2.937E 6.200 27.1 9.802E-01 9.72 4.489E-01 -2.875E-03 4.445E 02 2.937E 6.200 27.1 9.802E-01 9.72 4.489E-01 -2.875E-03 4.445E 02 2.937E 6.200 27.1 9.802E-01 9.72 4.489E-01 -1.7905E-03 4.445E 02 2.937E 6.200 27.1 9.802E-01 9.72 4.489E-01 -1.7000 27.1 9.7005E-03 4.489E-01 -1.7005E-03 4.489E-01 -1.7005E-03 4.489E-01 -	3.500	0000	2007	10-361-5	1.0	4.483E-01	Ф (1.366E 01	-2.654E-0
5.500 26.5 \$.8166-01 9.23 4.4886-01 -1.6416-03 4.4518 02 2.8248 5.500 26.5 \$.8166-01 9.23 4.4886-01 -1.6416-03 4.4518 02 2.8288 5.500 26.5 \$.8166-01 9.23 4.4886-01 -1.7466-03 4.4518 02 2.8598 5.500 27.6 \$.8066-01 9.23 4.4886-01 -1.7466-03 4.4498 02 2.8598 5.500 27.6 \$.8066-01 9.59 4.4886-01 -1.7466-03 4.4498 02 2.8598 5.500 27.6 \$.8066-01 9.59 4.4886-01 -5.5036-04 4.4468 02 2.9578 6.200 27.1 9.8018-01 9.59 4.4886-01 -5.5038-04 4.4468 02 2.9578 6.200 27.1 9.8018-01 9.59 4.4886-01 -5.5038-04 4.4458 02 2.9578 6.200 27.1 \$.8086-01 9.59 4.4886-01 -5.5038-04 4.4458 02 2.9578 6.200 27.1 \$.8086-01 9.69 4.4886-01 -2.8456-03 4.4458 02 2.9588 6.200 27.1 \$.8086-01 9.89 4.4886-01 -2.8456-03 4.4458 02 2.9588 6.200 27.1 \$.8086-01 9.89 4.4886-01 -2.8456-03 4.4458 02 2.9588 6.200 27.1 \$.8086-01 9.89 4.4886-01 -2.8456-03 4.4458 02 2.9988 6.200 27.1 \$.80828-01 9.83 4.4886-01 -2.8456-03 4.4458 02 2.9988 6.200 27.1 \$.80828-01 9.81 4.4888-01 2.9948-04 4.4458 02 2.9988 6.200 27.1 \$.80828-01 9.81 4.4888-01 2.9948-04 4.4458 02 2.9988 6.200 27.1 \$.80828-01 9.81 4.4888-01 1.0088-03 4.4458 02 2.9988 6.200 27.1 \$.80828-01 9.81 4.4888-01 1.0088-03 4.4458 02 2.9988 6.200 27.1 \$.80828-01 9.81 4.4888-01 1.0088-03 4.4458 02 2.9988 6.200 27.1 \$.80828-01 9.81 4.4888-01 1.0088-03 4.4458 02 2.9988 6.200 27.1 \$.80828-01 9.81 4.4888-01 1.0088-03 4.4458 02 2.9988 6.200 27.1 \$.80828-01 9.81 4.4888-01 1.0088-03 4.4458 02 2.9988 6.200 27.1 \$.80828-01 9.8188-01 1.0088-03 4.4458 02 2.9988 6.200 27.1 \$.80828-01 9.8188-01 1.0088	2000	001-5	27.0	9.7695-01	27.6	4.484E-01	1.6625-03			1.367E 01	5.067E-0
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\$\begin{array}{c} 5.000 & 27.1 & 9.01E-01 & 9.59 & 4.486E-01 & 9.09E-04 & 4.446E & 02 & 2.523E & 6.000 & 27.1 & 9.01E-01 & 9.69 & 4.486E-01 & 9.59E-04 & 4.446E & 02 & 2.93E & 6.000 & 27.1 & 9.09 & 4.486E-01 & 9.59E-04 & 4.446E & 02 & 2.93E & 6.200 & 27.1 & 9.09 & 4.486E-01 & 5.599E-04 & 4.449E & 02 & 2.99ZE & 6.200 & 27.1 & 5.73E-01 & 9.72 & 4.489E-01 & 2.816E-03 & 4.445E & 02 & 2.93E & 6.200 & 27.1 & 5.79E-01 & 9.89 & 4.480E-01 & 2.845E-03 & 4.445E & 02 & 2.99ZE & 6.500 & 27.1 & 9.79E-01 & 9.89 & 4.480E-01 & 1.857E-03 & 4.445E & 02 & 2.99ZE & 6.500 & 27.1 & 9.79E-01 & 9.79E-01 & 1.857E-03 & 4.445E & 02 & 2.99ZE & 6.500 & 27.1 & 9.79E-01 & 9.79E-01 & 1.857E-03 & 4.445E & 02 & 2.99ZE & 6.500 & 27.1 & 9.79E-01 & 9.79E-01 & 1.857E-03 & 4.445E & 02 & 3.09ZE & 9.79ZE-01 & 9.79E-01 & 1.857E-03 & 4.445E & 02 & 3.09ZE & 9.79ZE-01 & 9.79ZE-01 & 4.487ZE-01 & 4.487ZE-01 & 4.487ZE-01 & 4.487ZE-01 & 4.487ZE-02 & 3.09ZE-03 & 4.45ZE-02 & 3.09ZE-03 & 4.45ZE-02 & 3.09ZE-03 & 4.45ZE-03 & 4.45Z	2000	001.0	33.00	10-3911-5	4.6	10-1784.4	1.6135-03		200	1.366E 01	4.915E-02
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6.200 27.C 5.735E-01 9.70 4.489E-01 2.816E-03 4.445E 02 2.593E 6.500 27.C 5.735E-01 9.80 4.485E-01 2.816E-03 4.445E 02 2.593E 6.500 27.C 5.799E-01 9.83 4.482E-01 2.816E-03 4.445E 02 2.593E 6.500 27.C 5.796E-01 9.83 4.480E-01 1.790E-03 4.4415E 02 2.593E 6.500 27.C 5.750E-01 9.81 4.480E-01 1.897E-03 4.441E 02 2.593E 6.500 27.C 5.750E-01 9.51 4.480E-01 1.897E-03 4.441E 02 3.020E 6.800 26.5 5.750E-01 9.51 4.482E-01 2.994E-04 4.42E 02 3.030E 6.800 26.5 5.753E-01 9.59 4.482E-01 2.994E-04 4.453E 02 3.030E 7.100 26.5 5.766E-01 10.05 4.48E-01 1.065E-03 4.453E 02 3.063E	200	2000	37.6	10-2007	20.4	10-2004-4	50-31/0-1-			1.36 /E 01	-> 092E-0
6.200 27.0 5.79E-01 9.60 4.485E-01 2.816E-03 4.445E 02 2.59EE 6.400 25.9 9.79E-01 9.60 4.485E-01 2.816E-03 4.445E 02 2.59EE 6.500 27.0 5.79E-01 9.60 4.485E-01 1.79GE-03 4.445E 02 2.59EE 6.500 27.0 5.79E-01 9.67 4.480E-01 1.857E-03 4.441E 02 2.59EE 6.500 27.0 5.75GE-01 9.67 4.480E-01 1.857E-03 4.441E 02 3.00BE 6.700 27.0 9.802E-01 9.51 4.481E-01 6.79E-04 4.446E 02 3.00BE 6.700 26.5 5.75F-01 9.59 4.482E-01 2.994E-04 4.45EE 02 3.00BE 7.000 26.5 5.817E-01 10.05 4.482E-01 8.565E-04 4.453E 02 3.00BE 7.100 26.5 5.766E-01 10.05 4.482E-01 8.565E-04 4.430E 02 3.00BE	200	2000	27.00	2336 01	1000	10-3404-4	20346-04				1.7001-02
6.500 25.5 9.7925-01 9.60 4.4825-01 -2.3455-03 4.4425 02 2.9975 6.500 27.0 9.7925-01 9.60 4.4825-01 -2.3455-03 4.4425 02 2.9975 6.500 27.0 9.7945-01 9.67 4.4805-01 1.8575-03 4.4415 02 2.595 6.500 27.0 9.795-01 9.67 4.4805-01 1.8575-03 4.4415 02 2.596 6.700 27.0 9.8025-01 9.67 4.4815-01 6.7955-04 4.4465 02 3.0205 6.700 26.5 9.7575-01 9.68 4.4825-01 2.9945-04 4.4465 02 3.0205 6.900 26.5 9.7955-01 9.68 4.4825-01 4.4825-03 4.4535 02 3.0535 7.000 26.5 9.7965-01 10.05 4.4825-01 8.5655-04 4.4305 02 3.0535 7.000 26.5 9.7965-01 10.05 4.4825-01 8.5655-04 4.4305 02 3.0535 7.000 26.5 9.7965-01 10.05 4.4825-01 8.5655-04 4.4305 02 3.0535 7.000 26.5 9.7965-01 10.05 4.4825-01 8.5655-04 4.4305 02 3.0535 7.000 26.5 9.7965-01 10.05 4.4825-01 8.5655-04 4.4305 02 3.0535 7.000 26.5 9.7965-01 10.05 4.4825-01 8.5655-04 4.4305 02 3.0535 7.000 26.5 9.7965-01 10.05 4.4825-01 8.5655-04 4.4305 02 3.0535 7.000 26.5 9.7965-01 10.05 4.4825-01 8.5655-04 4.4305 02 3.0535 7.000 26.5 9.7965-01 10.05 4.4825-01 8.5655-04 4.4305 02 3.0535 7.000 26.5 9.7965-01 10.05 4.4825-01 8.5655-04 4.4305 02 3.0535 7.000 26.5 9.7965-01 10.05 4.4825-01 8.5655-04 4.4305 02 3.0535 7.000 26.5 9.7965-01 10.05 4.4825-01 8.5655-04 4.4305 02 3.0535 7.000 26.5 9.7965-01 10.05 4.4825-01 1	200	0000	2000	10-366101	7.10	10-16050					1.8401-02
6.500 27.0 5.7345-01 9.83 4.480E-01 1.797E-03 4.415E 02 2.597E 6.500 27.0 5.7345-01 9.87 4.480E-01 1.797E-03 4.415E 02 2.597E 6.500 27.0 9.802E-01 9.87 4.480E-01 1.857E-03 4.415E 02 3.020E 6.700 27.0 9.802E-01 9.87 4.481E-01 6.795E-04 4.446E 02 3.020E 6.900 26.5 5.757E-01 9.87 4.482E-01 2.994E-04 4.426E 02 3.030E 7.000 26.5 5.787E-01 0.05 4.482E-01 1.065E-03 4.453E 02 3.053E 7.000 26.5 5.766E-01 10.05 4.484E-01 1.065E-03 4.453E 02 3.053E	200	005.0	35.50	10-36610	01.0	10-3694-4	-20101-03	1000		1.367E 01	-
6.700 27.0 5.750E-01 9.83 9.480E-01 1.870E-03 4.441E 02 3 6.700 27.0 9.802E-01 9.51 4.480E-01 1.857E-03 4.44EE 02 3 6.700 27.0 9.802E-01 9.54 4.482E-01 2.994E-04 4.446E 02 3 6.900 26.5 5.757E-01 9.58 4.482E-01 2.994E-04 4.452E 02 3 7.000 26.5 5.765E-01 10.02 4.484E-01 1.065E-03 4.453E 02 3 7.100 26.5 5.766E-01 10.05 4.462E-01 8.565E-04 4.430E 02 3	0000	0000	23.03	10-37616	200	10-3285-6	-2.1435-03			1 .366E 01	
6.700 27.0 9.602E-01 9.51 4.481E-01 1.857E-03 4.441E 02 3 6.700 27.0 9.802E-01 9.51 4.481E-01 6.795E-04 4.446E 02 3 6.800 26.5 5.757E-01 9.54 4.482E-01 2.994E-04 4.442E 02 3 7.000 26.5 5.753E-01 9.02 4.482E-01 4.430E-04 4.453E 02 3 7.000 26.5 5.766E-01 10.05 4.484E-01 8.565E-04 4.430E 02 3	1.000	0000	22.0	10-2461-6	9.83		-1.790E-03	3	2.55EE 02	1.366E 01	-5.455E-Q
6.800 26.5 5.157E-01 9.51 9.481E-01 0.193E-04 4.426E 02 3 6.900 26.5 5.157E-01 9.54 4.482E-01 2.994E-04 4.426E 02 3 7.000 26.5 5.173E-01 10.02 4.484E-01 1.065E-03 4.453E 02 3 7.100 26.5 5.766E-01 10.05 4.484E-01 8.565E-04 4.430E 02 3	1000	2000	22.00	10-305-01			1.6575-03	4416	3.CCBE C2	1.365E 01	5.659E-0
6.500 26.5 5.753E-01 9.58 4.482E-01 4.496E-04 4.453E 02 3 7.000 26.5 5.817E-01 10.05 4.488E-01 8.555E-04 4.430E 02 3 7.100 26.5 5.766E-01 10.05 4.488E-01 8.555E-04 4.430E 02 3	200	0000	30.75	10-2700.	15.5	13-186.4	0.1925-04	4404	3. UZUE 02	10 3006 01	100
0.700	1.300	0000	5007	10-3000	***	10-1784-4	40-346-7	4701	3.030E 02	1.366E 01	-
7.100 26.5 5.766F-01 10.05 4.488F-01 -1.055F-03 4.433F 02 3.	004.1	0000	5007	5.135-01	85.6	4.482E-C1	١.	4426	3.0436 02	1.3666 01	1.350F-0
1.100 CE: 3.100E-01 10.03 4.48CF-01 8.363E-04 4.430E 02	000	2000	6007	10-2/10-5	70.01	0 0	١	4535	3.053E 02	1.367E 01	-3.2391-0
	200	1 200		10-1001-0	20.00	10-1784.4	-2656	305	3.00 E 02	10 36 0E 01	20-1110-2

FXPERIMENTAL CATA

COR	RUN	CSCI.	NC ISN 31	LENGTH	VF L OC 1 1 Y	ACCEL.	TENSICA	LENGTH	VELCCITY	ACCEL.
356	SEC	DEC	185	11	F1/SEC	FT/SEC/SEC	CRIP	đ	CH/SEC	CM/SEC/SEC
900	1.300	27.5	5.8355-01	10.16	4.4845-61	.55	4.461E C2	3550 ·	.367E	1.095
006.	1.4.10	27.5	10-3-91.5	10.21	-31E	3.088	0 316 9		-	-9.414E-02
300	7.500	27.0	10-1661.5	10.26	4.481F-C1	-8.504E-04		.1266		-2.592E-02
100	7.600	21.6	5.8C4f -01	13.30	85	2.369E-03	47E	. 135E	.366E	7.220F-02
500	1.700	27.6	9.762°-C1	10.34	4	1.712E-03	38	163€	399E.	5.217E-02
300	008.7	27.0	9.1735-01	10.38	86E	9.413E-04	336	. 16 SE	.367E	2.869E-02
400	1.000	21.6	6.7535-01	10.42	4.485 E-01	5.420E-04	126		36 76	2. e71E-02
200	8.093	27.6	5.762E-01	10.48	4.486E-C1	-1.095E-03	382	.1936	367E	-3.350E-02
309	8.100	27.1	5.782E-01	10.53	485	•	376	-20SE	3676	1.902E-02
200	8.200	27.6	5.8364-01	10.57	487		5 2E	. 222E	36 BE	-1.667E-02
800	8.300	27.0	9.8138-01	10.62	. 484	-3.302E-03				-1.006F-01
206	8.400	27.6	9.7515-01	10.65	185	-3.785E-03	23E		.366E	-1.154E-01
000	8.500	27.5	5.8C2E-01	10.70	-		399	3.24 1E 02		-2.848E-02
100	8.600	26.5	9.788E-01	10.73	185	2.09 BE-03	1044		-366€	6-395E-02
202	8.700	27.6	5.724E-01	10.17	185	1.060E-03	116		ш	3.232F-02
300	8.600	27.6	9.7585-01	10.82	484	1.0296-03	426E		367E	3-138E-02
004	8.000	27.1	9.7355-01	10.87	.483		9 E		367E	-2.448F-02
.500	9.000	27.6	5.7C7F-01	10.93	4.484 E-01	-2.443E-03	CSE		36 7E	-7.447E-02
009	9.100	27.6	5.704E-01	10.58	4.483E-01	-		347E	366E	5.767E-02
200	5.200	27.6	5.655 -01	11.02	4.486E-01	\$.858E-04	4.357E 02	30 PE	3676	1.7865-02
800	6.300	27.6	5.683E-01	11.07	4.485E-01		.392E	374E	.367E	-9.155E-02
006	005.6	27.6	10-3969.5	11.13	4.482E-61	-2.6276-03		352E	.366E	-8.618F-02
000	6.500	26.5	9.6875-01	11.15	4.480E-01	-	396E	3556	36 SE	-3.750F-03
100	9.400	27.1	5.664E-C1	11.20	4.481E-C1	1.2766-03		.415€	.366E	3.890E-02
500	9.700	27.1	9.6436-01	11.24	. 483	1.0056-03	3716	. 425E	.366E	3.075E-02
300	003.5	27.6	5.659F-01	11.27	4.483E-01		3818	-436E	366E	6.959E-03
00+	006.6	27.6	5.4 PIE-01	111.33	4	1.02 66-03		.453€		3.127F-02
200	10.000	2.1.	5.683E-01	11.36	4.4836-01		325	.463E	.367€	-6.026E-02
009	10.100	27.6	5.656E-01	11.40	4.4826-01	1.3426-03	3088		.366E	4.090E-02
100	10.200	27.0	6.6435-01	11.44	4.484E-C1	\$-195E-05	374E	9184	367E	1.584E-03
308	10.300	27.6	5.676E-01	11.47	4	"	388E	SEE	.367E	-8.305E-02
006	10.400	27.6	5.4505-01	11.53	.481	-3.168E-03	3776		.366E	-9.657E-0
000	10.500	27.0	5.633E-01	11.59	4	_:		533E	.3666	-3.321E-02
100	10.600	27.6	5.666F-01	11.64	.481	1,3536-03	3846	334E	.366E	4.123E-0
200	10.700	27.6	5.614E-01	11.70	4	1.9161-04	3196	567E	.366E	2.413E-0
100	10.800	27.0	9.6195-01	11.73	.484	3.350F-05		575E	367E	1.021F-03
400	10.500	27.6	5.6E25-01	11.79	4.484 E-01	3.5416-04	4.3926 02	3.6		1.0795-0
200	11.000	27.1	5.648E-01	11.84	.484	-2.230E-03	376€		.367E	-6.797F-0
209	11.100	27.6	5.632E-01	11.86	.483	.139	366E		. 366E	3.471E-0
100	11.200	27.6	9.668E-01	11.52	4.485E-01	-		3.42 E 02	.367E	-2.196E-02
900	11.300	27.0	10-3619.6	11.56	483	6	305E	**	.366€	-8.839E-02
306	11.400	27.1	5.663E-01	12.01	.4.480 E-01	2	4. 383E C2		.366E	-7.630E-02
000	11.500	3.75	9.6655-01	12.05	30	.21	384€	672E	.366E	2.198F-02
26.100	11 .600	27.0	9.6966-01	12.09	481	1.766E-03		3589.	366E	382E-
200	11.700	26.5	5.686F-01	12.12	4.483E-01	1.7356-03	3546	3.654E 02	366E	5.301E-02

EXPERIMENTAL CATA

RCCR	REN	0801	IE ISTON	LENGTH	VET 00 1 1 V	ACCEL.	TENSICA	LENGTE	VELOCITY	ACC EL.
SEC	SFC	DEC	185	11	FT/SEC	FT/SEC/SEC	CRAP	ð	CMISEC	CM/SEC/SEC
26.460	11.500	27.0	9.702E-01	12.20	4.4845-01	5. £05E-05	4.4C1E 02	0	1.3675 01	1.7096-03
56.500	12.000	27.6	C.631E-01	12.25	4.484E-01	671E-0		3.134E 02	1.367E 01	1416-
009.9	12.100	27.5	5.664F-01	12.30	. 484F	.112			1.367£ 01	-31116-
26. 700	12.200	27.1	6.6655-01	12.34	.486	.250	.393E		111	1.600E-
24.400	12.300	21.6	5.676E-01	12.39	.484E-	-2.515E-03			1.367E 01	
56.900	12.400	27.1	9.669E-01	12.45	-3184	-2.546E-03		-	399E	7.759E
21.000	12.500	21.6	5.669E-01	12.49	•	-5.271E-04			1.366E 01	-1.606E-02
27.100	12.000	1.12	S. 653E-01	12.53	482E-	1.513E-03		820E	1.366E 01	
27.200	12.700	27.1	10-3559. 5	12.58	4.4835-01	2.159E-03		833E	-	6.580E-02
27.366	12.900	27.6	C. 660F-01	12.62	485 E-	4.655E-04		E47E		1.4196-02
17.400	12.900	27.1	5.665E-01	12.67	4.484E-01	9.439E-04			1.367E 01	2.538F-02
27.500	13.000	27.1	5.676E-01	12.70	484E-	-2.440E-03		BJC8.		-7.436F-02
1.600	13.100	27.5	10-3664.3	12.76	4.493E-01			. 88 BE		3.43EF-0
1.700	13.200	27.6	5.666E-01	12.81	4	-7.451E-04		3606	1.367£ 01	-2.271E-0
7. 8CC	13.300	26.5	5.658E-01	12.84	.483	-3.233E-03	. 36 SE			
1.300	3.400	27.5	5.626E-01	12.88	4	-2.751E-03	.366E	926E		
28.000	13.500	27.0	9.637E-01	12.52	478	-3.671E-04	. 371E	35E5	1.365£ 01	
9.100	13.600	27.6	5.660F-01	12.57	-4 80 E-	1.8296-03	3825		.366E	5.576E-0
28.200	13.700	27.1	5.618E-01	13.62	4	2.142E-03	362€	37CE	366E	6.530F-0
8.300	13.800	27.1	9.631E-01	13.67	-484E-	-5.708E-04	36 SE	3.585E 02		-1-740E-02
004-8	13.900	27.1	5.658E-01	13.12		-2.0376-04			1.367E 01	-6.209E-0
8.500	14.000	27.1	5.629E-01	13.17	•	-2,311E-03	.367E	4.015E 02	1.367E 01	-7.043F-0
28.600	14.100	27.1	C.623E-01	13.21	4.493E-01	1.7946-03			1.366E 01	5.476E-02
8.700	14.200	27.1	5.644E-01	13.26	•	3.896£-05			1.368E 01	1.188E-03
8.800	14.300	27.0	5.649E-01	13.31	•	-2.481E-03			1.367£ 01	-7.561E-02
28.900	14.400	27.1	9.629E-01	13.35	482 E-	-2.650E-03			1.366E 01	
29.000	14.500	27.1	5.£34E-01	13.40	484E-	3.671E-04			1.367E 01	1.1196-02
001.6	14.600	27.2	9.619E-01	13.44	3	1.4816-03				4.513E-02
29.200	14.700	27.1	6.599E-01	13.48	-484E-	1.456E-03			1.367E 01	4.438E-0
29.300	14.800	27.0	10-3917.5	13.54	4.485F-01	-4.525E-04				-1.379E-0
29.400	14.900	27.6	5.672E-01	13.57	4				1.367E 01	-1.104E-0
29.500	15.000	27.6	6.6176-01	13.61	4.484 F-01	-2.495E-03			1.367E 01	-7.605E-0
29.600	15.100	27.6	9.652E-01	13.65	. 486	1.256E-03			1.367E 01	3.828E-02
25. 700	15.200	27.1	9.638E-01	13.69	4	-5.55 3E-04	3E		1.367E 01	-3.034E-0
29.900	15.300	27.1	5.619E-01	13.76	4.483E-01			4.194E 02	1.366E 01	-9.639E-0
006.5	15.400	27.1	9.427E-01	13.61	4.	-2.491E-03	7E		1.366€ 01	-7.593E-0
30.000	15.500	27.1	9.6335-01	13.87	.481F	6.426E-04	370E		1.366E 01	1.9596-0
30.100	15.600	27.1	5.615E-01	13.50	.482E-	9.023E-04	3196		1.366F 01	2.750E-0
30.200	15.700	1.72	9.628E-01	13.96	-483E-	1.281E-03	367E		1.367E 01	3-905E-02
30.300	15.800	27.1	5.617F-01	14.00	4	-1-210E-04			1.367E 01	-3.688E-03
30.400	15.900	27.6	5 . ¢ 30E - 01	14.04	.483	-9.580E-05				
90.500	16.000	27.1	9.641E-01	14.09	.483	-1.967E-03			1.366E 01	
30.600	16.100	27.1	5.658E-01	14.13	484E-	-825E-	.3816			-563E-
30.700	16.200	27.1	9.6845-01	14.16	.484	-1.E87E-04	5	-	1.3676 01	751F
30. 800	16.300	27.0	5.677F-01	14.22	-3 787	0	1000		1 3475 01	- 4 OC E
		-	10	****	-	v	3000	355	10000	36400

EXPERIMENTAL CATA

	1730	NON	HUND	AL		4			
1145	ANGLE				******	1 En 3 I Ch	Leneir	VELUCIA	******
SEC SEC	nec	res	F1	FT/SEC	FT/SEC/SEC	CRAP	¥.	CP/SEC	CP/SEC/SEC
00 16.500		5 - 700E-01	14.29	4	5.8445-05	4.4COF 02	4. 354F 02	1.3655 01	3.000E-03
		5.6918-01	14.33	4.480E-01	1.005F-03		u	1.366F 01	3.0636-02
-		5.6820-01	14.37	4.484F-C1	1-1736-03	152F	380 F	3676	3-575F-02
31.300 16.800		5.630E-01	14.42	4.4835-01	-5. Et 5E-04	6 BE	. 35 5E	1.366E 01	-1.788E-02
		5.6565-01	14.47	4.485 E-01	-	308E	410E	367E	-3. 709E-02
		5.6875-01	14.53	4.483E-C1			.428E	367E	-5.765E-02
		9.687E-01	14.58	4.483E-C1	2.2775-03	345		367E	6.9406-02
		5.677E-01	14.61	4.486F-01	2.242E-04	368	36		6.834E-03
		9.6 365-01	14.66	4.484E-C1		371E	375	.367E	-7.403E-02
		5.671E-01	14.71	4.483 8-01	-2.3116-03	3676			-7.043E-02
00 17.500		5.6835-01	14.74	4.482F-01				366E	2.0135-03
		5.655-01	14.78	4.482 E-01	8.230E-04			366E	2.509E-02
		5.6785-01	14.82	4.484E-01	1.2016-03				3.661E-02
		5.1245-01	14.66	4.484E-01	-7.185E-04	3111	530E	3676	-2.190E-02
		5.7295-01	16.91	4.4825-01	7. 52 0E-06				2.292E-04
		5.683E-01	14.55	4.482E-01	-2.321E-03			366E	-7.074E-02
32.600 18.100		5.6805-01	14.99	4.481E-C1	-			1.366E 01	3.211E-02
-		9.697F-01	15.02	4.483E-01	-6.166E-04				-1.879E-02
_		5.671E-01	15.06	4.481E-01	-2.9938-03	3878			-9.124E-02
00 18.400		9.647E-01	15.12	4.480F-01	_		3 6		-5-234E-02
		5.658E-01	15.17	4.4798-01	6.426E-05			36 SE	1.959E-03
009-81 00		5.657E-01	15.22	4.4815-01	1.3098-03	306	3049.	366E	3.990E-02
-		9.624E-01	15.26	4.4836-01	2.805E-03		. £53E	367E	8.551E-02
		10-3959-5	15.31	10-3585.5	-1.0946-04	4.3716 02		367E	-3.334E-03
006-81 00		10-3649.5	15.36	4.485E-01	1000			367E	4-273E-02
		5.633E-01	15.41	4.485E-CI	-2.025E-03			367E	-6.172E-02
		2.6135-01	15.44	10-1484.4				367E	3.569E-02
		9.619E-01	15.48	4-486E-01		. 363E		3676	-2-438E-02
		10-3119-5	15.53	10-168301	m (4.359E 02	4. 134E 02	1.366E 01	-1.1126-01
		20010-01	12.51	4. 480E-CI	-2.393t-03		144		-7.295E-02
34.000 19.500	27.0	9.601E-01	15.62	4.479E-C1	1.203E-04	4. 355E 02		365E	3.667E-03
200		5.630E-01	12.50	10-1004-4	1.4551-03				4. 434E-02
		10-17 to 1	15.10		2.157E-03		. 7866	366E	6.576E-02
24.500 19.600		10-34E-01	12.0	10-1696.6	-0-358-04			366	-1-950E-02
		3.c.18e-01	12.61					3005	8-876E-03
		9.606E-01	15.63	4.4836-61	-2.786E-C3				-8.491E-02
		5.627E-01	15.67	*	2.				2.367E-02
		9.53E-01	15.63	-484E-	-9.345E-04				-2.84EF-02
34.800 20.300		9.5765-01	16.91	483E-	2.74		E68E	.367E	-8.357E-02
00 50.400		5.603E-01	16.02	-36L	-1.818E-03				-5.542E-02
		5.629F-01	16.07	480E-	3.227E-04		897E	-366E	9.835F-03
		5.625E-01	16.11	482 E-	1.84CE-03		35 35	. 366E	5.607E-02
		5.627E-01	16.15	483E-			922E	_	6.280E-02
15.300 20.800		9.644E-01	16.19	484F-	-1.055E-03		3565		-3.217E-02
		5.6 39E-01	16.24	4.484 E-01	7.725E-05	4-37.F C2		1.367F 01	2-1546-01
							,		-

EXPERIMENTAL DATA

ACOR TIME	RUN	OSCL.	TENSION	LENGTH	VELOCITY	ACCEL.	TENSICA	LENGTH	VELACITY	ACCEL.
SEC	SFC	DEC	LHS	1	FT/SEC	PT/SEC/SEC	CRAP	t	CPISEC	CM/SEC/SEC
36.60	21.100	27.1	9.6285-01	16.32	4.4836-01	1.6525-03	4.367E 02	4.575E 02	1.366E 01	**
35. 700	21.200	21.6	.649E		484	.663	377E			-2.336E-02
35.800	21.300	27.6	3	16.40	4.481E-C1	-3.281E-03	.377E	3665		000
35.900	21.400	27.6	.626E	16.44	19	1.3	.366E	012E	-	-4.096E-02
36.000	21.500	27.6	16E	16.49	4.480 E-01	~		025E		006
36.100	21.600	27.6	.6	16.53	31	1.157E-03			366E	3.528E-02
34.200	21.700	27.6	5.55E-01	16.59	4.483 F-01				366E	6.592E-02
36.300	21.600	27.6		16.64	4.483E-01	-1.462E-03			1.367E 01	-4.455E-02
36.400	21.900	27.1	.757E	16.70	4.484E-01	-1.128E-04		5.089E 02	3678	438E-
36.500	22.000	27.1	. 6	16.75	4.484 6-01	-1.797E-03	352E			-5.478E-0
009.91	22.100	27.1	. £ 28E	16.79	4.486E-C1	1.51 EE-03			1.367E 01	4.6215-02
16.700	22.200	21.2	.642F	16.85	4.4895-01	-5.120E-04				-1.561E-02
96.800	22.300	27.5	.745	16.90	4.491 E-01	-3.771E-03				-1.1496-01
006.98	22.400	27.6	99E	16.52	4.483E-C1	-1.587E-03	4.399E 02		366E	-6.057E-02
17.00C	22.500	27.6	9199.	16.91	1	1.2586-04		5.171E 02		3.834E-03
37.100	\$2.600	27.6	376	10.71	4.482E-01	1.2816-03	1			3.905E-02
37.200	22.700	27.0	15E	17.64	4.484E-C1	2.3286-03				7.097E-0
37.300	22.800	27.6	30E	17.10	4.485 E-01	-6.8436-04	. 36 BE	5.211E 02		-2.086E-0
204.2	22.900	27.0		17.11	84	-3.2136-04				-9.793E-03
17.500	23.000	27.0	35E	17.15	4.484E-01	-2.3346-03	. 3716			-7.113E-02
17.600	23.100	27.6	12E	17.19	8	-7.246E-04				
17.700	23.200	27.0		17.23	85	-7.8006-04			1.366E 01	-2.317E-02
1. 80c	23.300	27.1	3	17.30	80 (-1.6446-03	. 358E	5.277E C2		-5.01 1E-02
006-2	23.400	21.1	196	17.25	78	3.5346-04	.3636		1.366E 01	1.0776-0
000	23.500	11.12	V .	11.29	4.4835-01	2 3002				1.8006-02
201.00	23.200	23.	-			10025-04	34.50			20-3675-02
007.8	23 800	27.7	יייייייייייייייייייייייייייייייייייייי		4.4845-01	2.300E-03	4. 5361 02		3076	7.009E-02
2004	22 500	23.6	100	17 60	70-100-1	-2 5025-04				-3.3025
38.500	24.000	27.1	35	17.62	4.4835-01			5.3698 02	1.3646 01	-8-4916-02
8.600	24.100	27.1		17.66			31126			
38.700	24.200	27.6		17.70	4.483E-01	-5.4481-04	3096.		3678	-1.661E-0
38.800	24.300	27.1	9.5485-01	17.75	•	-2.852E-03				
36.90	24.400	27.6	5.597E-01	17.80	4.481 6-01	-1.317E-03		25E		-4.013E-0
000-61	24.500	27.6	26E	17.84	4.479E-01	3.992E-04			1.3656 01	1.2176-0
001.6	24.600	27.0	125	17.88	4.481E-C1	1.269E-03	34.26			3.869E-02
35.200	24.760	27.6	£ 9E	17.52	4.482E-01	40-3466.6	3406			3.046E-0
19.300	24.800	27.1		17.56	3	-1.322E-03	1626			-4.03CE-0
19.400	24.500	27.0		18.01	36-	4.430E-04	372E	5.489E 02	_	1.350E-0
39. 500	25.000	27.6		0	16-	-2.108E-03				-6.424E-02
39.600	25.100	27.6			4	1.	3746	20E	367E	4.398E-0
35. 700	25.200	27.1		-	*	-3.41 EE-04	.366€		_	
39.800	25.300	27.0	6.6046-01	~	83	3.648	356E	166	_	-1.112F-0
39.900	25.400	27.1	5.579E-01	2	80E-		4.3458 02			.975
40.000	25.500	27.1		18.29	1	3.486E-05		35	1.365E 01	1.0631-0

EXPERIMENTAL CATA

80	RUN	CSCL.	NO ISN 31	LENGTH	VELOCI1Y	ACCEL.	TENSICA	LENGTH	VELOCITY	ACCEL.
SEC	SEC	066	183	11	FT/SEC	FT/SEC/SEC	GRAF	5	CP/SEC	CM/SEC/SEC
	25.700	27.6		18.37	4.4846-01	3.047E-03	4.347E G2	5.555E 02	1.367£ 01	9.289E-02
	25.100	27.1	5.555 -01	18.42	4.494 E-01	-1.1186-03	4.352E 02	5. £14E 02		-3.40\$E-02
	75.500	27.1	5.6137-01	18.45		-1.582E-05	4.360E 02	5.624E 02		-6.042E-04
	26.000	27.6	5.6365-01	18.50	-	-2.764E-03	4.371E C2	5. £35E 62		-8.424E-02
	26.100	27.6	10-3129.5	19.55		9.1816-04	4.364E 02	5.652E 02	1.366E 01	2.798E-02
	56.200	27.6	9.609E-01	18.58	3	-6.C84E-04				-1.854E-02
	26.200	27.1	5.619F-01	19.61	4.480 E-01	-4.383E-03	4. 36 3E 02	Į.	1.366E 01	-1.245E-01
	56.400	27.1	5.61CE-01	18.67	4.478E-01	-3.411E-04	4.3596 02			-1.0406-02
	26.500	27.1	-	14.71	4.479E-01	1.825E-04	4.3446 02	36		5.5636-03
	26.400	27.1	S. 6C1E-01	18.78	4.482E-01	9.536E-04	4.355E C2	.724E		2.567E-02
	26.700	27.1	w	18.62	4.484E-01	2.058E-03	4.368E 02	386	_	6.274E-02
	26.800	27.1	111	18.87	4.4846-61			. 15 1E		-9.168E-03
	26.000	27.1	5.633E-01	18.93	4.483E-01	-1.6416-04	4.370E 02	. 770E	1.366E 01	-5.001E-03
	27.000	27.2	9.6395-01	18.57	4.484E-C1	-2.921E-03		.7826		-8.903E-02
	27.100	27.1	5.624F-01	19.02	4.481 F-01	\$-550E-04	4.36EE 02	14.EE		2.9116-02
	27.200	27.6	9.425E-01	19.06	8	-8.4776-05	4.366E 02	81 1E		-2.584E-03
	27.300	27.1	9.637E-01	19.10	83E	-2.856E-03	4.371E 02			-8.826F-02
	27.400	27.1	5.554E-01	19.14	3	2.550E-04	4.352E C2	5. £35E 02		7.772E-03
	27.500	27.6	_	19.18	4.482E-01	1.5386-04	4.354E 02			4.688E-03
	27.600	27.0	9.553F-01	19.23	4.481E-01	40-3500.9	4. 351E 02	FE 2E		1.6316-02
	27.700	21.6	C. 558E-01	19.27	4.481 E-01	1.3126-03	4.354E 02	874E		3.996€-02
42-300	27.800	27.1	5.5 89E-01	19.30	4.481E-01	-1.012E-03	.350E	-	1.366E 01	-3.006F-02
	27.500	27.1	5.588E-01	19.35	4.482 E-01	-2.256E-04	4.345E 02	84 JE		-6.876E-03
	28.000	27.1	5.6C7E-01	19.40	4.481E-01	-2.127E-03	4.358E 02	3716		-6.482E-02
	28.100	27.1		19.44	4.481E-01	1.52 (E-03		. 5266		4.6531-02
	28.200	21.1	5.543E-01	19.49	4.484 E-01	4.026E-04		34 ZE		1.22 7E-02
	20.300	1.12	3-36-60	19.55	82E			3566	1.3666 01	-1.029E-01
	004-87	1.17	9.5/1E-01	19.59	4.480E-01	-3.131E-04		37.16		-0-X34-03
	005-87	21.12	5.573E-01	19.63	4.481E-01	3.425E-04	4.3428 62	50 3585 02	1.3666 01	1.04-E-02
	00000	1.12	10-2736.6	19.60	17-3784 °	1.6695-03		3446		20-149-02
	28.700	27.0	5.532E-01	19.12	4.4831-01	1.2055.03		3010	1.3665 01	2000-02
	2000		10-1110	19.10	10-1784-6	7.1		3670		- 3. MOE-02
	006-87	1.17	7.631E-01	19.80		-0. 4E /E-04	. 308E	. 036t		-1-9776-02
	29.000	27.1	9.587E-01	19.85	-	-2.525E-03		. 05 IE		-7.697E-02
	29.100	21.5	1	19.50	4.481E-C1	1.081E-03		- C66E		3.296E-02
	26.200	27.0	9.577E-01	19.54		0.0			166 E	0.0
	29.300	27.6	1	19.58		-2.859E-03	.355E	. CE SE		
	29.400	27.0	1	20.02	4.4796-01	-3.281E-05		1016		-1.000F-03
	29.500	27.6	L	20.05	ш	-2.427E-04	4.345E G2	.112E	1.3668 01	-7.397E-03
	29-600	27.1	5.604E-01	20.11	-	1.538E-03	.356€	. 130E	1.3666 01	4. 688E-02
	29.700	27.6	1	20.14	4.481E-01	1.336E-03	4.352E 02	.138E		4.0711-02
	25.800	27.1	1	20.20	4.484 E-C1	-1.530E-03	4.339E C2	6.157E 02	1.367E 01	-4.663E-02
	29.900	27.6	1	20.28	4.485E-01	-2.037E-03	4.3446 02	8 1E	367E	-6.209E-02
	30.000	27.1	1	20.30	4.482E-01	-1.858E-03	4.351E C2			-5.66 3E-02
44.600	30.100	27.1	9.602E-01	20.35	4.4838-01		4.355E 02	340	1.366E 01	4.136F-02
									-	

EXPERIMENTAL CATA

VAP TABLE LENGTH CAPLE SYSTEPS DYNAPICS

10.00 27.0 2.005-0 20.44 4.401-0 1.728-0 4.556 22 6.226 22 1.366	KCJR.	NO	OSCL.	TENSION	LENGTH	VELOCITY	ACCEL.	TENSICA	LENCTH	VELOCITY	ACCEL.
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	SEC	SEC	0.56	185	F1	FT/SEC	FT/SEL/SEC	CRAP	t	CP/SEC	CMISECISEC
30.500 27.0 C.0278-01 20.48 4.481-01 1.727-03 4.366 02 C.2286 02 1.366 01 30.500 27.0 C.0288-01 20.74 4.481-01 1.204-04 4.375 02 C.2286 02 1.366 01 30.700 27.0 C.0288-01 20.72 4.481-01 1.377-03 4.366 02 C.2286 02 1.366 01 30.700 27.0 C.0288-01 20.72 4.481-01 1.377-03 4.366 02 C.2286 02 1.366 01 30.700 27.0 C.0288-01 20.72 4.481-01 1.377-03 4.366 02 C.2316 02 1.366 01 30.700 27.0 C.0288-01 20.72 4.481-01 1.204-03 4.385 02 C.2316 02 1.366 01 30.700 27.0 C.0288-01 20.72 4.481-01 1.204-03 4.366 02 C.2316 02 1.366 01 30.700 27.0 C.0288-01 20.72 4.481-01 1.204-03 4.366 02 C.2316 02 1.366 01 30.700 27.1 C.0288-01 20.72 4.481-01 1.2031-04 4.376 02 C.2316 02 C.2316 02 1.366 01 30.700 27.1 C.0288-01 20.72 4.481-01 1.2031-04 4.376 02 C.2316 02 C.2316 02 1.366 01 31.700 27.1 C.0288-01 20.72 4.481-01 1.2031-04 4.376 02 C.2316 0	44.300	30,300	27.6	603E-	20.44	80	-1.7456-03	1566	230E	3665	-5-110F-02
31, 200 27, 5 2, 6, 27 2,	44. 900	30.400	21.1	6125	20.48	4.4816-01	1.727E-03	16GF	36 3E	SEEF	5.265F-02
31,700 27.0 4,00.8F = 01 20.57 4,448F = 01 -1,149E = 01 4,375 62 6.278 62 1.186 61 61 61 62 62 62 62 6	45.000	30.500	27.6	S.613E-01	26.53	4.483F-C1	3.651E-05		.25BE	1.366 01	1.125E-03
30,700 27,7 5,638-01 2,438-01 -1,378-03 -1,366 0 -1,366	45. 10C	36.666	27.1	C.602F-01	20.57	4.484F-C1	1.144E-04		3992	-	2.177E-02
36,7000 77.0 9.611E-01 1.1379E-03 4.366E 02 6.31E 0.136F	45.200	30.700	27.5	6 38E-	20.62	4.4835-01	-4.437E-04		28 EE	-	-1.352E-02
1,0,0,0 27.1 2,0,0,0,0 27.2 4,421 2.2 2.2 4,355 2.2 2.24 2.5 1,366 0.5 3.1 1,00 27.1 2,0,0,0,0 27.2 2,0,0,0,0 27.1 2,0,0,0,0 27.2 2,0,0,0,0 27.1 2,0,0,0,0,0 27.1 2,0,0,0,0 27.1 2,0,0,0,0 27.1 2,0,0,0,0 27.1 2,0,0,0,0 27.1 2,0,0,0,0 27.1 2,0,0,0,0 27.1 2,0,0,0,0 27.1 2,0,0,0,0 27.1 2,0,0,0,0 27.1 2,0,0,0,0,0 27.1 2,0,0,0,0 27.1 2,0,0,0,0 27.1 2,0,0,0,0 27.1 2,0,0,0,0 27.1 2,0,0,0,0 27.1 2,0,0,0,0 27.1 2,0,0,0,0 27.1 2,0,0,0,0 27.1 2,0,0,0,0 27.1 2,0,0,0,0,0 27.1 2,0,0,0,0 27.1 2,0,0,0,0 27.1 2,0,0,0,0 27.1 2,0,0,0,0 27.1 2,0,0,0,0 27.1 2,0,0,0,0 27.1 2,	45.300	30.800	27.0	-3119	20.66	4.483 E-01	-1.3796-03			_	-4.203E-02
11,000 27.0 5.00ff-01 20.75 4.492f-01 2.03ff-04 4.395f 02 6.334f 02 1.306f 01 1.30	45.400	30.500	27.6	9.632E-01	20.79	4.481 6-01	-1.10 5E-03			_	-3.367E-02
311.100 27.1 \$\cdot \cdot \cdo	45.500	31.000	3.15	-5899	20.75	4.482E-C1	-2.038E-03		.324E		-6.213E-02
31.200 27.1 5.425E-01 20.02 4.489E-01 -3.005E-04 4.387E 02 6.347E 02 1.36E 01 11.500 27.1 5.425E-01 20.04 4.489E-01 -1.002E-04 4.387E 02 6.347E 02 1.36E 01 11.500 27.1 5.425E-01 20.04 4.489E-01 -1.002E-04 4.387E 02 6.347E 02 1.36E 01 11.500 27.1 5.425E-01 20.04 4.489E-01 -1.002E-04 4.38E 02 6.347E 02 1.36E 01 13.600 27.1 5.425E-01 21.03 4.481E-01 2.045E-03 4.38E 02 6.347E 02 1.36E 01 13.600 27.1 5.425E-01 21.03 4.481E-01 2.045E-03 4.37E 02 6.347E 02 1.36E 01 13.600 27.1 5.425E-01 21.03 4.481E-01 2.045E-03 4.37E 02 6.347E 02 1.36E 01 13.600 27.1 5.425E-01 21.03 4.481E-01 2.045E-03 4.37E 02 6.347E 02 1.36E 01 13.600 27.1 5.425E-01 21.03 4.481E-01 2.223E-03 4.37E 02 6.347E 02 1.36E 01 13.600 27.1 5.425E-01 21.03 4.481E-01 2.223E-03 4.37E 02 6.347E 02 1.36E 01 13.600 27.1 5.425E-01 21.25 4.381E-01 2.223E-03 4.37E 02 6.347E 02 1.36E 01 13.600 27.1 5.425E-01 21.25 4.381E-01 2.223E-03 4.37E 02 6.347E 02 1.36E 01 13.600 27.1 5.425E-01 21.25 4.381E-01 2.223E-03 4.37E 02 6.347E 02 1.36E 01 13.600 27.1 5.425E-01 21.25 4.381E-01 1.105E-04 4.42E 02 6.35E 01 13.600 17.2 5.425E-01 21.25 4.381E-01 1.105E-04 4.42E 02 6.35E 01 13.600 17.2 5.425E-01 21.25 4.381E-01 1.105E-04 4.42E 02 6.35E 01 13.600 17.2 5.425E-01 21.25 4.381E-01 1.105E-04 4.42E 02 6.35E 01 13.600 17.2 5.425E-01 21.25 4.381E-01 1.105E-04 4.42E 02 6.35E 01 13.600 17.2 5.425E-01 21.25 4.381E-01 1.105E-04 4.42E 02 6.35E 01 13.600 17.2 5.425E-01 21.25 4.381E-01 1.105E-04 4.37E 02 6.35E 01 13.600 17.2 5.425E-01 21.25 4.480E-01 1.105E-04 4.37E 02 6.35E 01 13.600 17.2 5.425E-01 21.25 4.480E-01 1.105E-04 4.37E 02 6.35E 01 13.600 17.2 5.425E-01 21.25 4.480E-01 1.105E-04 4.37E 02 6.35E 01 13.600 17.2 5.425E-01 21.25 4.480E-01 1.105E-04 4.37E 02 6.35E 01 13.600 17.2 5.425E-01 21.25 4.480E-01 1.105E-04 4.37E 02 6.35E 01 13.600 17.2 5.426E-01 21.25 6.35E 01 1.25 6.35E 01 1.25 6.35E 01 13.600 17.2 5.426E-01 21.25 6.35E 01 1.105E-04 4.37E 02 6.35E 01 1.25 6.35 6.35 6.35 6.35 6.35 6.35 6.35 6.3	45.600	31.100	27.6	9.60BE-01	20.78	4.481E-C1	5.886F-04		.334E	-	1.794E-02
31,300 27.1 5,6272-0.1 20.56F-03 4,378 ft 02 6,348 ft 02 1.396 ft 01 31,500 27.1 5,6272-0.1 20.99 4,4479-0.1 1.022F-04 4,358 ft 02 6,348 ft 02 1.396 ft 01 31,500 27.1 5,526-0.1 21.03 4,481-0.1 1.022F-04 4,378 ft 02 6,416 ft 02 1.396 ft 01 31,700 27.1 5,526-0.1 21.03 4,481-0.1 1.0779-0.0 4,378 ft 02 6,416 ft 02 1.396 ft 01 31,700 27.1 5,526-0.1 21.13 4,481-0.1 1.116-0.0 4,378 ft 02 6,416 ft 02 1.396 ft 01 31,700 27.1 5,136-0.1 21.13 4,481-0.1 1.116-0.0 4,316 ft 02 6,471 ft 02 1.396 ft 01 32,000 27.1 5,136-0.1 21.13 4,481-0.1 1.116-0.0 4,471 ft 02 1.396 ft 01 32,000 27.1 5,128-0.1 21.13 4,481-0.1 1.116-0.0 4,471 ft 02 6,471 ft 01 32,000 27.1 5,128-0.1 21.14<	45.700	31.200	27.1	4	20.62	4.4828-01					-7.063E-03
11,500 27,1 5,675-01 20,94 4,479-01 1,682E-04 4,355 0.2 5,35E 0.1 11,500 27,1 5,675-01 20,99 4,480E-01 1,682E-04 4,35E 0.2 6,37E 0.2 1,36E 0.1 11,500 27,1 5,675-01 21,03 4,480E-01 2,04E-03 4,35E 0.2 6,41E 0.2 1,36E 0.1 11,500 27,1 5,685-01 21,03 4,481E-01 1,675-09 4,37E 0.2 6,44E 0.2 1,36E 0.1 21,500 27,1 5,685-01 21,07 4,481E-01 1,675-09 4,37E 0.2 6,44E 0.2 1,36E 0.1 22,200 27,1 5,685-01 21,25 4,481E-01 1,165-03 4,43E 0.2 6,44E 0.2 1,36E 0.1 22,200 27,1 5,715-01 21,25 4,481E-01 1,165-04 4,47E 0.2 6,44E 0.2 1,36E 0.1 22,200 27,1 5,715-01 21,25 4,481E-01 1,165-04 4,47E 0.2 6,44E 0.2 1,36E 0.1 22,200 27,1 5,715-01 21,25 4,481E-01 1,165-04 4,47E 0.2 6,44E 0.2 1,36E 0.1 22,200 27,1 5,715-01 21,29 4,481E-01 1,165-04 4,47E 0.2 6,44E 0.2 1,36E 0.1 22,200 27,1 5,715-01 21,29 4,481E-01 1,165-04 4,47E 0.2 6,51E 0.2 1,36E 0.1 23,200 27,1 5,715-01 21,29 4,481E-01 1,165-04 4,47E 0.2 6,51E 0.2 1,36E 0.1 23,200 27,1 5,715-01 21,49 4,480E-01 1,165-04 4,47E 0.2 6,51E 0.2 1,36E 0.1 23,200 27,1 5,715-01 21,49 4,480E-01 1,165-04 4,47E 0.2 6,51E 0.2 1,36E 0.1 23,200 27,1 5,715-01 21,49 4,480E-01 1,165-04 4,47E 0.2 6,51E 0.2 1,36E 0.1 23,200 27,1 5,715-01 21,49 4,480E-01 1,165-04 4,47E 0.2 6,51E 0.2 1,36E 0.1 23,200 27,1 5,715-01 21,49 4,480E-01 1,165-04 4,47E 0.2 6,51E 0.2 1,36E 0.1 23,200 27,1 5,715-01 21,49 4,480E-01 1,165-04 4,37E 0.2 6,51E 0.2 1,36E 0.1 23,200 27,1 5,715-01 21,49 4,480E-01 1,165-04 4,37E 0.2 6,51E 0.2 1,36E 0.1 23,200 27,1 5,715-01 21,49 4,480E-01 2,18E 0.3 4,37E 0.2 6,51E 0.2 1,36E 0.1 23,200 27,1	45.400	31.300	27.1	C.653E-01	50.89	4.480F-C1		.378E	.367E	366E	-9.341E-02
11,500 27.1 5.5646-01 2.0.39 4.4816-01 1.6056-04 4.3516 02 6.4106 02 1.3066 01 11,700 27.1 5.6266-01 2.0.03 4.4816-01 6.4056-04 4.3716 02 6.4106 02 1.3066 01 11,700 27.1 5.6266-01 2.0.13 4.4816-01 1.1056-04 4.3716 02 6.4106 02 1.3066 01 12,200 27.1 5.7056-01 2.1.23 4.4816-01 4.1056-04 4.3716 02 6.4106 02 1.3066 01 22,200 27.1 5.7056-01 2.1.24 4.4816-01 4.1056-04 4.4716 02 6.4716 02 1.3066 01 22,500 27.1 5.7056-01 2.1.24 4.4816-01 4.1056-04 4.4716 02 6.4716 02 1.3066 01 22,500 27.1 5.7056-01 2.1.24 4.4816-01 4.1056-04 4.4716 02 6.4716 02 1.3066 01 23,500 27.1 5.7056-01 2.1.24 4.4816-01 4.1056-04 4.4716 02 6.4716 02 1.3066 01 23,500 27.1 5.7056-01 2.1.24 4.4816-01 1.1056-04 4.4716 02 6.4716 02 1.3066 01 23,500 27.1 5.7056-01 2.1.24 4.4816-01 1.1166-03 4.4116 02 6.5116 02 1.3066 01 23,500 27.1 5.7056-01 2.1.24 4.4816-01 1.1166-04 4.4116 02 6.5116 02 1.3066 01 24,00 27.1 5.7056-01 2.1.24 4.4816-01 1.1166-04 4.4116 02 6.5116 02 1.3066 01 25,00 27.1 5.7056-01 2.1.24 4.4816-01 1.1166-04 4.4116 02 6.5116 02 1.3066 01 27.1 5.646-01 2.1.2 4.4816-01 1.1066-04 4.3816 02 6.5116 02 1.3066 01 27.2 5.646-01 2.1.2 4.4816-01 1.1066-04 4.3816 02 6.5116 02 1.3066 01 27.2 5.646-01 2.1.2 4.4816-01 1.1166-04 4.3816 02 6.6116 02 1.3066 01 27.2 5.646-01 2.1.2 4.4816-01 1.1166-04 4.3816 02 6.6116 03 6.6116 03 6.6116 03 6.6116 03	45. 30C	31.400	27.1	•	50.02	4.479F-01	-	.365E.	.364E	15	-3.146F-03
31.000 27.1 c.649F-01 21.03 c.448F-01 -1.67F-03 c.436F 02 c.420F 02 1.336F 01 31.700 27.1 c.649F-01 21.03 c.448F-01 -1.67F-03 c.437F 02 c.420F 02 1.336F 01 31.700 27.1 c.649F-01 21.17 c.448F-01 -1.67F-03 c.437F 02 c.420F 02 1.336F 01 32.200 27.1 c.689F-01 21.27 c.448IF-01 -1.67F-03 c.437F 02 c.440F 02 1.336F 01 32.200 27.1 c.689F-01 21.27 c.448IF-01 -2.28F-03 c.448F 02 c.448F 02 c.448F 02 1.336F 01 32.200 27.1 c.689F-01 21.27 c.448IF-01 -2.28F-03 c.448F 02 c.448F 02 1.336F 01 32.200 27.1 c.689F-01 21.27 c.448IF-01 -2.28F-03 c.448F 02 c.448F 02 1.336F 01 32.200 27.1 c.689F-01 21.27 c.448IF-01 -2.28F-03 c.448F 02 c.444F 02 c.448F 02 c.444F	46.000	31.500	27.1	5	50.99	4.480E-01	1.6825-04				5.126E-03
31.700 27.11 5.656F-01 21.07 4.48F-01 1.1075-04 4.377E 22 6.446E 01 1.36FE 01 0.45FE 02 0.45FE 02 1.36FE 01 0.36FE 0.36FE 0.36FE 0.36FE 0.36FE 0.36FE 0.36FE 0.36FE 0.36FE <td>46.100</td> <td>31.600</td> <td>27.1</td> <td>~</td> <td>21.03</td> <td>4.481F-C1</td> <td>2.045E-03</td> <td>100</td> <td></td> <td>1.366E 01</td> <td>6.234E-02</td>	46.100	31.600	27.1	~	21.03	4.481F-C1	2.045E-03	100		1.366E 01	6.234E-02
11.600 27.1 5.4.656-01 21.13 4.4816-01 -1.6756-03 4.3776 02 6.4416 02 1.3666 01 22.000 27.1 5.4.656-01 21.22 4.4816-01 -2.2236-03 4.3776 02 6.4416 02 1.3666 01 22.000 27.1 5.7166-01 21.22 4.4816-01 1.8356-03 4.4016 02 6.4416 02 1.3666 01 22.000 27.1 5.7166-01 21.24 4.4816-01 1.8356-03 4.4016 02 6.4416 02 1.3666 01 22.000 27.1 5.7166-01 21.34 4.4816-01 -2.9366-03 4.4126 02 6.4816 02 1.3666 01 22.000 27.1 5.7166-01 21.34 4.4816-01 1.7166-04 4.4286 02 6.2466 02 1.3666 01 22.000 27.2 5.7166-01 21.34 4.4816-01 1.7166-04 4.4286 02 6.2466 02 1.3666 01 22.000 27.2 5.7167-01 21.45 4.4816-01 1.7166-04 4.4286 02 6.2466 02 1.3666 01 22.000 27.2 5.7167-01 21.45 4.4816-01 1.7166-04 4.4666 02 6.2466 02 1.3666 01 22.000 27.2 5.7167-01 21.45 4.4816-01 1.7166-04 4.4666 02 6.5466 02 1.3666 01 22.000 27.2 5.7167-01 21.45 4.4816-01 1.7166-04 4.4366 02 6.5466 02 1.3666 01 23.000 27.2 5.7167-01 21.1 4.4816-01 1.7166-04 4.3666 02 6.5466 02 1.3666 01 23.000 27.1 5.4166-01 21.1 4.4816-01 1.7166-04 4.3666 02 6.5466 02 1.3666 01 23.000 27.1 5.4166-01 21.2 4.4816-01 1.7166-04 4.3666 02 6.5466 02 1.3666 01 23.000 27.1 5.4166-01 21.2 4.4816-01 2.2166-04 4.3666 02 2.3666 03 4.4816-01 2.2016 4.4816-01 2.2016 4.4816-01 2.2016 4.4816-01 2.3616 03 4.3616 03 4.3616 03 4.4816-01 2.3616 03 4.4816-01 2.3616 03 4.3616	46.200	31.700	27.1	-	21.07	4.4836-01	6.405E-04			_	1.9526-02
31,000 27.1 6.768F-01 21.27 4.481F-01 -1.116F-03 4.312E 02 6.451E 02 1.366E 01 32.000 27.1 6.768F-01 21.25 4.481F-01 1.833F-03 4.491E 02 6.445E 02 1.366E 01 32.000 27.1 6.785F-01 21.29 4.481F-01 1.833F-03 4.401E 02 6.445E 02 1.366E 01 32.000 27.1 6.785F-01 21.39 4.481F-01 1.833F-03 4.412E 02 6.445E 02 1.366E 01 32.500 27.1 6.785F-01 21.39 4.491F-01 1.756F-04 4.428E 02 6.516E 02 1.366E 01 32.500 27.1 6.785F-01 21.45 4.480F-01 1.7156F-04 4.428E 02 6.516E 02 1.365E 01 32.500 27.1 6.785F-01 21.45 4.480F-01 1.7156F-04 4.428E 02 6.516E 02 1.365E 01 32.500 27.1 6.785F-01 21.45 4.480F-01 1.7156F-04 4.428E 02 6.516E 02 1.365E 01 32.500 27.1 6.785F-01 21.45 4.480F-01 1.7156F-04 4.428E 02 6.516E 02 1.365E 01 32.500 27.1 6.785F-01 21.40 4.480F-01 1.7156F-04 4.428E 02 6.516E 02 1.365E 01 32.500 27.1 6.785F-01 21.40 4.480F-01 1.7156F-04 4.428E 02 6.516E 02 1.365E 01 32.500 27.1 6.785F-01 21.40 4.480F-01 1.7156F-04 4.428E 02 6.516E 02 1.365E 01 32.500 27.1 6.785F-01 21.40 4.480F-01 1.7156F-04 4.428E 02 6.516E 02 1.365E 01 32.500 27.1 6.785F-01 21.40 4.480F-01 1.7156F-04 4.428E 02 6.516E 02 1.365E 01 32.500 27.1 6.785F-01 21.40 4.480F-01 1.7156F-04 4.428E 02 6.516E 02 1.365E 01 32.500 27.1 6.785F-01 21.40 4.480F-01 1.7159F-03 4.381E 02 6.516E 02 1.365E 01 32.500 27.1 6.785F-01 21.60 4.480F-01 1.7159F-03 4.381E 02 6.516E 02 1.365E 01 32.500 27.1 6.646F-01 21.62 4.481F-01 21.83 4.481E 01 21.83 4.481E 01 22.1 4.481F-01 22.1 4.481E-01 22.1 4.	46.300	21.600	27.1	5.65CE-01	21.13	4.482F-01	-1.6756-03				-5.105E-02
32,000 27.1 C.680E-01 21.22 4.4016-01 1.21.22 4.4016-01 21.22 4.4016-01 21.22 4.4016-01 21.22 4.4016-01 21.22 4.4016-01 1.356-01 21.366-01 1.366-01 21.	46.400	31.900	27.0	9.6385-01	21.12	4.4816-01	-			1.366E 01	-3.400E-02
32,100 27,11 5,115-01 21,25 4,418-01 1,833-03 4,4086 02 6,4716 02 1,3666 01 32,200 27,11 5,116-01 21,29 4,418-01 2,126-01 21,366 01 01 01 01 01 01 01 01 01 01 01 <td< td=""><td>46.500</td><td>32.000</td><td>27.1</td><td>C.68UE-01</td><td>21.22</td><td>4.4816-01</td><td></td><td></td><td></td><td>1.366E 01</td><td>-6.176E-02</td></td<>	46.500	32.000	27.1	C.68UE-01	21.22	4.4816-01				1.366E 01	-6.176E-02
32,200 27.1 4.716E-01 21.39 4.481E-01 4.163E-04 4.467E 02.467E 02.467E 02.136E 01.366E 01.366E <th< td=""><td>46.600</td><td>32.100</td><td>27.1</td><td>6.7135-01</td><td>51.25</td><td>4.481E-01</td><td>1.8336-03</td><td></td><td></td><td>1.366€ 01</td><td>5.586E-02</td></th<>	46.600	32.100	27.1	6.7135-01	51.25	4.481E-01	1.8336-03			1.366€ 01	5.586E-02
32,300 27.1 \$1,285-01 21.34 \$4,481E-01 -2,984E-03 \$4,428E 02 \$4,595E 02 1,395E 01 32,500 27.6 \$7,65E-01 21.42 \$4,480E-01 1,176E-03 \$4,480E 02 \$4,56E 02 1,395E 01 32,600 27.6 \$7,12E-01 21.45 \$4,480E-01 1,176E-03 \$4,460E 02 \$4,56E 02 1,395E 01 32,700 27.6 \$7,12E-01 21.45 \$4,480E-01 1,176E-03 \$4,450E 02 \$4,56E 02 1,396E 01 32,800 27.1 \$7,66E-01 21.71 \$4,480E-01 1,176E-03 \$4,450E 02 \$1,36E 01 1,396E 01 33,000 27.1 \$7,66E-01 21.71 \$4,480E-01 1,176E-03 \$4,450E 02 \$1,36E 01 1,366E 01 33,000 27.1 \$6,56E-01 21.71 \$4,480E-01 1,176E-03 \$4,57E 02 \$1,36E </td <td>46. 700</td> <td>32.200</td> <td>27.1</td> <td>10-391L.5</td> <td>51.29</td> <td>4.481E-01</td> <td>4-163E-04</td> <td></td> <td></td> <td></td> <td>1.2695-02</td>	46. 700	32.200	27.1	10-391L.5	51.29	4.481E-01	4-163E-04				1.2695-02
32.400 27.C 5.767F-01 21.38 4.478F-01 R.012E-04 4.428E 02 6.551E 02 1.365E 01 32.400 27.C 5.772F-01 21.42 4.480F-01 1.714E-03 4.418E 02 6.551E 02 1.365E 01 32.400 27.C 5.772F-01 21.42 4.480F-01 1.714E-03 4.418E 02 6.551E 02 1.365E 01 32.400 27.1 5.75F-01 21.42 4.480F-01 1.704E-03 4.428E 02 6.551E 02 1.366E 01 32.400 27.1 5.75F-01 21.50 4.480F-01 1.704E-03 4.428E 02 6.551E 02 1.366E 01 32.400 27.1 5.75F-01 21.70 4.480F-01 1.704E-03 4.428E 02 6.551E 02 1.366E 01 32.400 27.1 5.75F-01 21.70 4.480F-01 1.704E-04 4.352E 02 6.651E 02 1.366E 01 32.400 27.1 5.458F-01 21.70 4.481F-01 2.707E-04 4.356E 02 6.651E 02 1.366E 01 32.400 27.1 5.458F-01 21.70 4.481F-01 2.707E-04 4.356E 02 6.651E 02 1.366E 01 32.400 27.1 5.458F-01 21.70 4.481F-01 2.707E-04 4.356E 02 6.651E 02 1.366E 01 32.400 27.1 5.458F-01 21.70 4.481F-01 2.707E-04 4.356E 02 6.551E 02 1.366E 01 32.400 27.1 5.458F-01 21.70 4.481F-01 2.707E-04 4.356E 02 6.551E 02 1.366E 01 32.400 27.1 5.458F-01 22.70 4.481F-01 2.707E-04 4.356E 02 6.551E 02 1.366E 01 32.400 27.1 5.651E 01 2.707E 01 1.707E-03 4.351E 02 6.751E 02 1.366E 01 32.400 27.1 5.651E 01 2.707E 01 1.707E-03 4.351E 02 6.751E 02 1.366E 01 32.400 27.1 5.651E 01 2.707E 01 1.707E-03 4.351E 02 6.751E 02 1.366E 01 32.400 27.1 5.651E 01 2.707E 01 1.707E-03 4.351E 02 6.751E 02 1.366E 01 32.400 27.1 5.651E 01 2.707E 01 1.707E-03 4.351E 02 6.751E 02 1.365E 01 32.400 27.1 5.651E 01 2.707E 01 1.707E-03 4.351E 02 6.751E 02 1.365E 01 32.400 27.1 5.651E 01 2.707E 01 2.707E-01 2.	46.800	32.300	27.1	4.1285-01	21.34	4.481E-01	-2.988E-03				-9.107E-02
32.500 27.0 5.76.7-01 21.42 4.480E-01 1.7156E-04 4.475E G2 6.525E G2 1.365E G1 2.255E G2 1.365E G1 2.365E	46.900	32.400	27.6	5.763E-01	21.38	4.478E-01	8.012E-04			1.3656 01	2.442E-02
32.700 27.6 9.71E-01 21.49 4.480E-01 1.774E-03 4.45E 02 6.537E 02 1.36E 01 32.700 27.7 9.75E-01 21.49 4.480E-01 1.046E-03 4.45E 02 6.550E 02 1.36E 01 32.800 27.1 9.75E-01 21.40 4.480E-01 -1.046E-03 4.45E 02 6.561E 02 1.36E 01 32.800 27.1 9.75E-01 21.40 4.480E-01 -1.046E-03 4.45E 02 6.51E 02 1.36E 01 32.800 27.1 9.75E-01 21.71 4.480E-01 -1.046E-03 4.45E 02 6.51E 02 1.36E 01 33.200 27.1 9.75E-01 21.71 4.480E-01 -1.046E-03 4.36E 02 6.51E 02 1.36E 01 33.200 27.1 9.75E-01 21.71 4.480E-01 -1.046E-03 4.36E 02 6.51E 02 1.36E 01 33.200 27.1 9.65GE-01 21.71 4.480E-01 -1.046E-04 4.37E 02 6.61E 02 1.36E 01 33.400 27.1 9.65GE-01 21.82 4.481E-01 9.70E-04 4.37E 02 6.63E 02 1.36E 01 33.500 27.0 9.65FE-01 21.99 4.481E-01 9.70E-04 4.37E 02 6.67E 02 1.36E 01 33.500 27.0 9.65GE-01 22.01 4.481E-01 2.03E-03 4.38E 02 6.72E 02 1.36E 01 33.500 27.0 9.65FE-01 22.01 4.481E-01 2.03E-03 4.38E 02 6.72E 02 1.36E 01 33.500 27.0 9.65FE-01 22.01 4.481E-01 2.03E-03 4.38E 02 6.72E 02 1.36E 01 33.500 27.0 9.65FE-01 22.01 4.481E-01 2.03E-03 4.38E 02 6.72E 02 1.36E 01 33.500 27.0 9.65FE-01 22.01 4.481E-01 -2.03E-03 4.38E 02 6.72E 02 1.36E 01 33.500 27.0 9.65FE-01 22.01 4.481E-01 -2.03E-03 4.38E 02 6.72E 02 1.36E 01 33.500 27.0 9.65FE-01 22.03 4.481E-01 -2.03E-03 4.38E 02 6.72E 02 1.36E 01 33.500 27.0 9.65FE-01 22.03 4.481E-01 -2.03E-03 4.38E 02 6.72E 02 1.36E 01 33.500 27.0 9.65FE-01 22.03 4.481E-01 -2.03E-03 4.38E 02 6.72E 02 6.72E 02 1.36E 01 34.400 27.0 9.65FE-01 22.23 4.481E-01 -2.03E-03 4.38E 02 6.72E 02 1.36E 01 34.400 27.0 9.65FE-01 22.23 4.481E-01 -2.03E-03 4.38E 02 6.72E 02 1.36E 01 34.400 27.0 9.65FE-01 22.23 4.479E-01 -2.03E-03 4.38E 02 6.72E 02 1.36E 01 34.600 27.1 9.65FE-01 22.25 4.479E-01 -2.03E-03 4.38E 02 6.72E 02 1.36E 01 34.600 27.1 9.65FE-01 22.25 4.479E-01 -2.03E-03 4.38E 02 6.72E 02 1.36E 01 -2.03E-03 4.36E 01 -2.03E-03 4.36E 02 6.72E 02 1.36E 01 -2.03E-03 4.36E 02 6.72E 02 1.36E 01 -2.03E-03 4.36E 02 6.72E 02 1.36E 01 -2.03E-03 4.36E	4 1. GOC	32.500	27.5	~	21.42	4.480 E-01	1.1506-04		35E		5.334E-03
32.000 27.0 9.752-01 21.55 4.4827-03 -1.627E-04 4.4628 02 6.5508 02 1.3668 01 1.3688 01 2.2000 27.1 9.756E-01 21.65 4.4808-01 -1.046E-03 4.4428 02 6.5648 02 1.3668 01 1.3668 01 2.3000 27.1 9.756E-01 21.66 4.4808-01 -1.641E-03 4.4228 02 6.5048 02 1.3668 01 1.3688 01 2.3000 27.1 9.756E-01 21.71 4.4808-01 1.716E-04 4.3518 02 6.6188 02 1.3668 01 1.3688 01 2.3000 27.1 9.6588-01 21.71 4.4808-01 1.716E-04 4.3718 02 6.6188 02 1.3668 01 2.3000 27.1 9.6588-01 21.72 9.4818-01 2.3186 01 2.3186 01 2.318 9.6988-04 4.3718 02 6.6188 02 1.3668 01 2.318 9.6988-04 4.3718 02 6.6188 02 1.3668 01 2.318 9.6988-04 4.3718 02 6.6188 02 1.3668 01 2.318 9.6988-04 4.3718 02 6.6188 02 1.3668 01 2.318 9.6988-04 4.3718 02 6.6188 02 1.3668 01 2.318 9.6988-04 4.3718 02 6.6188 02 1.3668 01 2.318 9.6988-04 4.3718 02 6.6188 02 1.3668 01 2.318 9.6988-04 4.3718 02 6.7818 02 1.3668 01 2.318 9.6988-04 4.3518 02 6.7818 02 1.3668 01 2.318 9.6988-04 4.3518 02 6.7818 02 1.3668 01 2.318 9.6988-04 4.3518 02 6.7818 02 1.3668 01 2.318 9.6988-04 4.3518 02 6.7818 02 1.3658 01 2.318 9.6988-04 4.3718 02 6.7818 02 1.3658 01 2.318 9.6988-04 4.318 02 6.7818 02 1.3658 01 2.318 9.6988-04 4.318 02 1.3688 01 2.31	47.100	32.400	27.6			4.480F-01	1.7146-03				5.224E-02
32.000 27.1 9.756F-01 21.66 4.480F-01 -1.816E-03 4.425E 02 6.586F 02 1.366E 01 33.000 27.2 9.756F-01 21.66 4.480F-01 -1.641E-03 4.425E 02 6.586F 02 1.366E 01 33.000 27.2 9.756F-01 21.76 4.480F-01 -1.641E-03 4.425E 02 6.581E 02 1.366E 01 33.200 27.1 9.756F-01 21.76 4.482F-01 1.763F-03 4.362E 02 6.581E 02 1.366E 01 33.200 27.1 9.658F-01 21.76 4.482F-01 1.763F-04 4.377E 02 6.643E 02 1.366E 01 33.500 27.1 9.658F-01 21.86 4.481F-01 9.767F-04 4.377E 02 6.643E 02 1.366E 01 33.500 27.1 9.658F-01 21.87 4.484F-01 9.767F-04 4.356E 02 6.643E 02 1.366E 01 33.500 27.1 9.658F-01 21.87 4.484F-01 9.767F-04 4.356E 02 6.764E 02 1.366E 01 33.500 27.1 9.658F-01 22.01 4.481F-01 -2.673F-03 4.381E 02 6.764E 02 1.366E 01 33.500 27.1 9.658F-01 22.01 4.481F-01 -2.673F-03 4.381E 02 6.764E 02 1.366E 01 34.400 27.1 9.658F-01 22.14 4.478F-01 1.435F-03 4.381E 02 6.784E 02 1.365E 01 34.400 27.1 9.658F-01 22.2 4.478F-01 1.435F-03 4.381E 02 6.784E 02 1.365E 01 34.400 27.1 9.691F-01 22.2 4.479F-01 1.435F-03 4.381E 02 6.784E 02 1.365E 01 34.400 27.1 9.691F-01 22.2 4.479F-01 1.435F-03 4.381E 02 6.784E 02 1.365E 01 34.400 27.1 9.691F-01 22.2 4.479F-01 1.435F-03 4.381E 02 6.784E 02 1.365E 01 34.400 27.1 9.691F-01 22.2 4.479F-01 1.435F-03 4.381E 02 6.784E 02 1.365E 01 34.400 27.1 9.691F-01 22.2 4.479F-01 1.435F-03 4.381E 02 6.784E 02 1.365E 01 34.800 27.1 9.691F-01 22.3 4.481F-01 22.3 2.601F-03 4.3 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	007.74	32.700	3.12	10-2211-6	64.17	4.48ZF-C1	-1.6275-04			1.366 01	-4.959E-03
33.000 27.1 9.7555-01 21.66 4.480F-01 1.765F-03 4.375F 02 6.616F 02 1.366F 01 37.100 27.2 5.65F-01 21.76 4.482F-01 1.765F-03 4.375F 02 6.616F 02 1.366F 01 37.100 27.1 5.65F-01 21.76 4.482F-01 1.765F-03 4.375F 02 6.616F 02 1.366F 01 37.100 27.1 5.65F-01 21.82 4.480F-01 -1.641F-02 4.382F 02 6.651F 02 1.366F 01 37.400 27.1 5.65F-01 21.82 4.481F-01 5.82 5.65F-03 4.375F 02 6.651F 02 1.366F 01 37.500 27.0 9.604F-01 21.89 4.481F-01 2.8181F-03 4.356F 02 6.651F 02 1.366F 01 37.500 27.0 9.604F-01 21.89 4.481F-01 2.277F-03 4.375F 02 6.778F 02 1.366F 01 37.500 27.0 9.65F-01 22.01 4.481F-01 -2.777F-03 4.377F 02 6.778F 02 1.366F 01 37.500 27.0 9.65F-01 22.01 4.477F-01 -1.777F-03 4.377F 02 6.778F 02 1.365F 01 37.500 27.0 9.65F-01 22.07 4.477F-01 1.35F-03 4.377F 02 6.778F 02 1.365F 01 37.500 27.0 9.65F-01 22.07 4.477F-01 1.35F-03 4.377F 02 6.778F 02 1.365F 01 37.500 27.0 9.65F-01 22.07 4.477F-01 1.35F-03 4.377F 02 6.778F 02 1.365F 01 37.500 27.0 9.65F-01 22.27 4.477F-01 2.377F 02 6.778F 02 1.365F 01 37.500 27.0 9.65F-01 22.27 4.477F-01 2.377F 02 6.778F 02 1.365F 01 37.500 27.0 9.65F-01 22.27 4.477F-01 -1.875F-03 4.377F 02 6.778F 02 1.365F 01 37.500 27.0 9.677F-01 22.27 4.477F-01 2.377F 02 6.778F 02 1.365F 01 37.500 27.0 9.677F-01 22.27 4.477F-01 22.37 4.387F 02 6.778F 02 1.365F 01 37.500 27.1 9.677F-01 22.27 4.487F-01 22.37 4.487F-01 22.37 4.487F-01 22.37 6.437F-01 22.47 6.00 27.1 9.677F-01 22.47 6.00	47. 500	32.800	2.7.2	10-3519.5	21.55	4.482E-01	-1.810E-03			1.366€ 01	-5.517E-02
33.200 27.1 5.656-01 21.71 4.4876-01 1.76976-03 4.3750 02 6.6618 02 1.3666 01 33.200 27.1 5.6586-01 21.74 4.4876-01 1.76976-03 4.3750 02 6.6318 02 1.3666 01 33.200 27.1 5.6586-01 21.76 4.48876-01 1.76976-03 4.3750 02 6.6518 02 1.3666 01 33.200 27.1 5.6586-01 21.78 4.48876-01 1.7667-03 4.3750 02 6.6518 02 1.3666 01 33.400 27.1 5.6586-01 21.93 4.48876-01 21.93 4.48876-01 21.93 4.48876-01 21.93 4.48876-01 21.93 4.48876-01 21.93 6.6518 02 6.6518 02 1.3666 01 21.93 6.0 27.0 5.6518-01 21.93 4.48876-01 21.93 6.0 27.0 5.6518-01 21.93 4.48876-01 22.01 4.4818-01 2.01 2.01 4.4818-01 2.01 2.01 4.4818-01 2.01 2.01 4.4818-01 2.01 2.01 4.378 02 6.7888 02 1.3668 01 2.3668 01 2.367 6.0 2.37 6.0	2000	35.900	1111	20-36-01	21.60	4.480E-CI	-1.0461-03			1.3661 01	-3.18EE-02
33.500 27.1 5.656-01 21.76 4.4826-01 1.7166-03 4.375 02 6.618E 02 1.366E 01 33.200 27.1 5.656-01 21.86 4.4816-01 -3.3656-03 4.381E 02 6.651E 02 1.366E 01 33.400 27.1 5.656-01 21.86 4.481E-01 9.707E-04 4.37E 02 6.651E 02 1.366E 01 33.500 27.0 5.6045-01 21.89 4.481E-01 9.707E-04 4.37E 02 6.673E 02 1.366E 01 33.500 27.0 5.6045-01 21.89 4.481E-01 -2.618E-04 4.35E 02 6.673E 02 1.366E 01 33.800 27.0 5.691E-01 22.03 4.481E-01 -2.673E-03 4.35E 02 6.73E 02 1.366E 01 33.500 27.0 5.652E-01 22.03 4.481E-01 -2.673E-03 4.35E 02 6.73E 02 1.365E 01 33.500 27.0 5.652E-01 22.03 4.481E-01 -1.990E-03 4.35E 02 6.73E 02 1.365E 01 34.500 27.0 5.652E-01 22.03 4.481E-01 -1.990E-03 4.37E 02 6.73E 02 1.365E 01 34.500 27.0 5.652E-01 22.03 4.479E-01 -2.312E-03 4.37E 02 6.73E 02 1.365E 01 34.500 27.0 5.652E-01 22.27 4.479E-01 -2.312E-03 4.37E 02 6.75E 02 1.365E 01 34.500 27.1 5.652E-01 22.27 4.479E-01 -2.312E-03 4.37E 02 6.75E 02 1.365E 01 34.500 27.1 5.652E-01 22.27 4.479E-01 -2.312E-03 4.37E 02 6.75E 02 1.365E 01 34.500 27.1 5.652E-01 22.30 4.479E-01 -2.312E-03 4.37E 02 6.75E 02 1.365E 01 34.500 27.1 5.618E-01 22.30 4.479E-01 -2.312E-03 4.37E 02 6.75E 02 1.365E 01 34.500 27.1 5.618E-01 22.40 4.479E-01 -2.032E-03 4.361E 02 6.75E 02 1.365E 01 34.800 27.1 5.655E-04 4.37E 02 6.75E 02 1.365E 01 -2.356E 01 22.40 4.479E-01 -2.032E-03 4.361E 02 6.75E 02 1.365E 01 22.40 4.479E-01 -2.032E-03 4.361E 02 6.75E 02 1.366E 01 22.40 4.481E-01 -2.032E-03 4.366E 02 6.75E 02 1.366E 01 22.40 4.481E-01 -2.032E-03 4.366E 02 6.75E 02 1.366E 01 22.40 4.481E-01 -2.032E-03 4.366E 02 6.75E 02 1.366E 01 22.40 4.481E-01 -2.032E-03 4.366E 02 6.75E 02 1.366E 01 22.40 4.366E 01 22.40 4.366E 02 6.75E 02 1.366E 01 22.40 4.481E-01 -2.032E-03 4.366E 02 6.75E 02 1.366E 01 22.40 4.366E 02 6.75E 02 1.366E 01 22.40 4.366E 02 6.75E 02 1.366E 01 22.40 4.366E 02 6.75E 02 6.75E 02 1.366E 01 22.40 4.366E 02 6.75E 02 1.366E 01 22.40 4.366E 02 6.75E 02 6.75E 02 1.366E 01 22.40 4.366E 02 6.75E 02 6	9000	33.000	27.1	•	21.66	4806	-1.6416-03		-		-5.003E-02
33.500 27.1 5.656-01 21.82 4.4802-01 -3.365-03 4.3818 02 6.658 02 1.3668 01 33.300 27.1 5.656-01 21.82 4.4802-01 -3.365-03 4.3778 02 6.6658 02 1.3668 01 33.500 27.1 5.656-01 21.82 4.4818-01 9.7078-04 4.3778 02 6.6658 02 1.3668 01 33.500 27.0 9.6045-01 21.83 4.4818-01 9.7078-04 4.3568 02 6.6658 02 1.3658 01 33.500 27.0 9.6045-01 21.83 4.4818-01 -2.8168-04 4.3568 02 6.728 02 1.3658 01 33.500 27.0 9.6558-01 22.03 4.4818-01 -2.7318-03 4.3578 02 6.728 02 1.3658 01 33.500 27.0 9.6558-01 22.03 4.4818-01 -1.7128-03 4.3578 02 6.728 02 1.3658 01 34.300 27.0 9.6588-01 22.14 4.4788-01 -1.7978-03 4.3578 02 6.7348 02 1.3658 01 34.300 27.0 9.6588-01 22.14 4.4788-01 -1.7318-03 4.3578 02 6.7348 02 1.3658 01 34.300 27.1 9.6588-01 22.27 4.4788-01 -2.3128-03 4.3578 02 6.7348 02 1.3658 01 34.300 27.1 9.6588-01 22.27 4.4788-01 -2.3128-03 4.3578 02 6.7348 02 1.3658 01 34.300 27.1 9.6588-01 22.27 4.4788-01 -2.3128-03 4.3878 02 6.7868 02 1.3658 01 34.300 27.1 9.6388-01 22.27 4.4788-01 -2.3128-03 4.3878 02 6.7868 02 1.3658 01 34.300 27.1 9.6388-01 22.27 4.4788-01 -2.3128-03 4.3878 02 6.7868 02 1.3658 01 34.300 27.1 9.6388-01 22.27 4.4788-01 -2.3128-03 4.3878 02 6.7868 02 1.3668 01 34.300 27.1 9.6388-01 22.27 4.4788-01 -2.0328-04 4.3188 02 6.8288 02 1.3668 01 -2.3668 01 -2.3668 01 22.27 4.4788-01 -2.0328-04 4.3188 02 6.8288 02 1.3668 01 -2.3668 01 22.37 4.4788-01 -2.0328-04 4.3188 02 6.8288 02 1.3668 01 -2.3668	000	32.100	27.5		11.17	4.482 6-01	1.7631-03				5.352E-02
33.500 27.1 (.6569-01 21.86 4.481E-01 5.355E-03 4.356E 02 6.665E 02 1.366E 01 33.500 27.0 (.6569E-01 21.86 4.481E-01 9.707E-04 4.356E 02 6.673E 02 1.366E 01 33.500 27.0 (.6569E-01 21.89 4.481E-01 2.818E-04 4.376E 02 6.673E 02 1.366E 01 1.366E 01 2.360E 02 27.0 (.6549E-01 22.01 4.481E-01 2.818E-04 4.376E 02 6.768E 02 1.365E 01 33.500 27.0 (.6569E-01 22.01 4.481E-01 1.772E-03 4.376E 02 6.773E 02 1.365E 01 33.500 27.0 (.6569E-01 22.01 4.481E-01 1.435E-03 4.376E 02 6.773E 02 1.365E 01 33.500 27.0 (.6569E-01 22.02 4.479E-01 1.435E-03 4.376E 02 6.773E 02 1.365E 01 33.500 27.1 (.6669E-01 22.14 4.478E-01 1.435E-03 4.376E 02 6.773E 02 1.365E 01 33.500 27.1 (.6669E-01 22.14 4.478E-01 1.435E-03 4.376E 02 6.776E 02 1.365E 01 33.500 27.1 (.6669E-01 22.20 4.479E-01 1.435E-03 4.376E 02 6.776E 02 1.365E 01 33.500 27.1 (.6699E-01 22.20 4.479E-01 1.435E-03 4.376E 02 6.776E 02 1.365E 01 33.500 27.1 (.6699E-01 22.20 4.479E-01 1.367E-03 4.377E 02 6.776E 02 1.365E 01 33.500 27.1 (.6699E-01 22.20 4.479E-01 1.367E-03 4.377E 02 6.776E 02 1.365E 01 33.500 27.1 (.6699E-01 22.30 4.479E-01 1.367E-03 4.377E 02 6.776E 02 1.365E 01 33.500 27.1 (.6699E-01 22.30 4.479E-01 1.365E-04 4.377E 02 6.776E 02 1.365E 01 33.500 27.1 (.6699E-01 22.30 4.479E-01 1.365E-04 4.377E 02 6.776E 02 1.366E 01 33.500 27.1 (.6699E-01 22.30 4.479E-01 1.365E-04 4.377E 02 6.776E 02 1.366E 01 33.500 27.1 (.6699E-01 22.30 4.479E-01 1.2699E-03 4.377E 02 6.776E 02 1.366E 01 33.500 27.1 (.6699E-01 22.30 4.479E-01 1.2699E-03 4.377E 02 6.776E 02 1.366E 01 33.500 27.1 (.6699E-01 22.30 4.479E-01 1.2699E-03 4.377E 02 6.776E 02 1.366E 01 33.500 27.1 (.6699E-01 22.30 4.479E-01 1.2699E-03 4.377E 02 6.776E 02 1.366E 01 33.500 27.1 (.6699E-01 22.30 4.479E-01 1.2699E-03 4.377E 02 6.776E 02 1.366E 01 33.500 27.1 (.6699E-01 22.30 4.479E-01 1.2699E-03 4.377E 02 6.776E 02 1.366E 01 33.500 27.1 (.6699E-01 22.30 4.479E-01 1.2699E-03 4.377E 02 6.776E 02 1.366E 01 33.500 27.1 (.6699E-01 22.30 4.479E-01 1.2699E-03 4.377E 02 6.776E 02 1.366E 01 33.500 27.1 (.6699E-01 22.30 4.479E-01 1.2699E-03 4	2000	33.500	11.17		21.16	4.4835-01				1.3666 01	5.230F-03
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4.329			4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
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• •			4,491F-01 4,481F-01 4,481F-01 4,481F-01 4,481F-01 4,479F-01 4,478F-01 4,478F-01
			4,480 E-01 4,481 E-01 4,481 E-01 4,481 E-01 4,478 E-01 4,478 E-01 4,478 E-01 4,478 E-01
4	*****		4.481E-01 4.481E-01 4.479E-01 4.479E-01 4.478E-01 4.478E-01 4.478E-01
*	-		4.481E-01 4.481E-01 4.479E-01 4.478E-01 4.478E-01 4.478E-01
•	-		4.480E-01 4.479E-01 4.478E-01 4.478E-01 4.478E-01
*	· m ·		4.479F-01 4.479F-01 4.478F-01 4.478F-01 4.478F-01
3 4-4146	1		4.481E-01 4.478E-01 4.478E-01 4.478E-01 4.478E-01
*	5		4.479E-01 4.478E-01 4.478E-01 4.478E-01
	03	Ľ	4.478E-01 4.478E-01 4.482E-01
03 4-4175	5 6		4.478E-01 4.482E-01
•	63		4.482E-01
•	.03	_	
•	8		13-3784.h
03 4-429	69		23.84 4.482E-C1 -1.006E-
•	0		4.480E-C1
4	9	1	4-4815-01 -4
	.03	1 -3	4.4785-01 -3
.04 4.445E	8		4.479E-C1
03 4.4	03	•	4.4791-01
*	03	_	4.478E-01
4	03	11 1.5465-03	4.481E-01
*	*		4.482E-01
03 4.446	03	1 -1.467	4.480E-01 -1.467
4	.03	1 -2.393	4.4795-01 -2.393
*	*	1 6.562	4.478E-01 6.562
	8	1.5	27 4.480E-C1 1.55¢
-04 4.463E	.03		The second secon
* ;		1 -3.085	3.085

EXPERIMENTAL CATA

RC38	RUN	CSCI.	TENSION	LENGTH	VELOCITY	ACCEL.	TENSICA	LENGTE	VELUCITY	ALLEL.
séc.	SFC	nee	Les	1	F1/SFC	FT/SEC/SEC	GR AP	t	CP/SEC	CM/SEC/SEC
24.000	39.500	27.1	_	24.53	4.480E-01	-2.734E-04	4.454E G2	7.47EE 02	1.366E 01	-8.334E-0
24.100	35.600	27.1		24.57	4.481 E-01	2.851E-03	4.447E 02	7.49CE 02	1.366E 01	E. 689E-02
24.200	39.700	27.1	5.7£2E-01	24.62	4.483E-C1	5.106E-04	4.4378 02	7.503E 02	4500	1.55tF-0
37. 366	35.800	27.1	ŏ	24.68	4.483 E-01	-1.461E-03	4.427E 02	7. 523E 02		-4.45 3E-02
24.+00	39.500	27.1	1 4	24.71	4.481 E-01	-1.137E-03		7.532E 02		-3.46 SE-0
24.500	40.000	27.1	Ŧ.	24.76	4.481E-C1	-1.751E-03	4.447E 02	7.54EE 02		-5.338E-0
24.600	40.100	27.6	ě	24.81	4.480 1-01	9.249E-04	4.430E 02	7. 56 JE 02		2.819E-0
24.700	40.200	27.1	"	24.83	4.481E-01	-1.005E-04	4.407E 02	7.568E 02	1.366E 01	-3.063E-03
24.800	40.300	27.1		24.88	4.480F-01	-3.324E-03	4.422E 02	7.584E 02		-1.013E-0
395.46	40.400	27.6	5.8C7E-01	24.53	4.478E-01	4.621E-04	4.48E 02	7.55EE 02	1.365E 01	1.409E-02
92.000	40.500	27.6	9	95.42	4.478E-C1	-9.632E-04		7.608E 02		-2.936F-0
25.100	40.600	27.1	9.783E-01	25.00	4.479E-01	2.45 6E-03		7.62CE 02	1.365E 01	7.607E-0
95.200	40.700	27.1	=	25.03	4.480F-01	2.393E-04	4.+50E 02	7.63CE 02	1.36 SE 01	7.293E-C
55.300	40.800	27.0	~	25.Ce	4.480E-01	-1.115E-03		7.645E 02	1.365E 01	-3.398E-02
55.400	40.500	27.0		25.14	4.4798-01	-1.35 AF-03		7. EEZE 02	1.365E 01	-4.261E-02
25.500	41.000	27.1		25.18	4.479E-01	-2.881E-03	4.478E 02	7.475E 02	1.365E 01	-8.780E-
25.600	41.100	27.1	9.8675-01	25.24	4.479E-C1	1.280E-03		7.652E 02		3.900E-02
99. 100	41.200	27.1	<u></u>	25.28	4.480 E-01	6.433E-04			1.366E 01	1. 56 1E-02
15.800	41.300	1.12	-	25.33	4.479E-01	-2.7196-03		7.720E 02	1.365E 01	-8.289E-02
92.900	41.400	27.1	9.8475-01	25.38	4.479E-01	1.213E-03	467E	7. 734E 02	1.365E 01	3.698E-02
96.000	41.500	27.6		25.42	4.478E-01	-7.856E-04	4.4698 02	7.748E 02	1.365E 01	-2.407E
99.100	41.600	27.6		25.46	4.479E-01	2.826E-03	4.462E 02	7.759E 02	1.365E 01	8.614F-(
\$6.200	41.700	27.6	5.8525-01	25.52	4.482E-01	3.72 EE-04	4.469E C2	7.17EE 02	1.366E 01	1.1366-02
96.300	41.800	27.1		25.54	4.481E-01	-1.451E-03		7.786E 02	1.366E 01	-4.42 1E-02
99.400	41.900	27.1		25.60	4.479E-C1	-1.C74E-03		7. E02E 02	_	-3.273E-C
26.500	45.000	27.6	- 3Z	55.64	4.480 E-01	-2.276E-03	-	7. E15E 02		-6.938F-0
26.600	45.100	27.6		55.68	4.477E-01	1.025E-03		7.8296 02	1.365E 01	3.123E-02
96.700	45.200	27.0	5.830E-01	22.12	4.480E-01	9.844E-05		7. 840E 02		3.000E-03
26.800	45.300	21.6		25.76	4.478 6-01	-3.313F-03		7.850E 02	1.365E 01	-1.010E-01
006.9	45.400	27.0	5.843E-01	25.61	4.477E-01	8.326E-04			1.365E 01	2.538E-02
27.000	45.500	27.6		25.87	4.478E-01	-2.659E-04	4.528E G2	7.884E 02	1.3656 01	-8.105E-03
27.100	45.600	27.6		15.52	4.480E-01	2.501F-03			1.366E 01	7.622E-02
17.200	42.700	27.1	•	25.57	4.482E-01	-8.82 SE-04		T	_	-2.690E-02
17.30C	42.800	27.1		26.01	4.481 E-01	-1.440E-03		7.925E 02	1.366E 01	
27.400	45.900	27.1		26.67	4.481E-C1	-6.077E-04			1.366E 01	-1.852E-02
21.500	43.000	27.2		26.11	4.480E-01	-2.084E-03		7. Sece 02	1.366E 01	-6.353E-02
27.600	43.100	27.1	5.727E-01	26.16	4.478 6-01	1-167E-03	3	7.575E 02	1.365E 01	3.557E
27.700	43.209	27.1	. 75	12.92	4.480E-01	5.202E-04			1.366E 01	1.586E-02
5 7. BCC	43.300	27.1		26.24	4.480 E-01	-2.954E-03	<u>=</u>	7. 555E 02	1.366E 01	-9.005E-02
21.900	43.400	27.1	. 83	56.28	4.477E-01	8.490E-04			1.365E 01	2.588E-(
28.000		27.1	9.7436-01	26.32	4.479E-01	-1.572E-05			1.365E 01	-4.792E-0
28.100		27.6		26.36	4.479E-01	2.576E-03	4.422E 02	8.034E 02	1.365E 01	7.851E-0
58.200	43	56.5		26.40	4.481E-C1	7.02 1E-04	4.452E 02	8.048E 02	1.366E 01	2.140E-02
28.300		27.0	-	26.44	4.480F-01	-1.25 7E-03		8. CSSE 02	1.366E 01	-3.955E-02
28.400	43	27.6		26.47	4.479E-01	-1.826E-03	4.4138 02	8.C65E 02	1.365E 01	-5.565E-02
2										

EXPERIMENTAL CATA

VAP TABLE LENGTH CABLE SYSTEPS DYNAPICS

ACOF RUN	csct.	TENSION	LENGTH	VE LOCITY	ACLEL	TENSIEN	LENGTH	VELUCITY	ALCEL.
	050	C.P.S	- 11	FT/SEC	FT/SEC/SEC	CRAN	å	CP/SEC	CH/SEC/SEC
000 44.100	27.1	5.8346-01	26.57	4.477F-01	1.295E-03		3557	1.365E 01	3.9485-02
	27.6	5.774F -01	26.64	4.491E-01	4.8195-04	346	8.118E 02	10 399E 1	1.469E-02
830 44.300	1.15	5.6675-01	26.71	4.478E-C1	-3.082E-03		140€	1.365E 01	-392E-
58.900 44.400	27.1	10-2069.5	26.73	.47	7.711E-04	31 6	. 145E		2.350F-02
	27.1	5.760E-01	26.79		-7.704E-04	27E	. JééE		-34 EE-
	27.1	9.777E-01	25.84	.47	2. 771E-03		. 1816	36 SE	8.447E-02
	27.0	5.662F-01	26.88	4.	3.541E-04	E ZE	. 15 3E	ш	1.079E-02
	27.1	5.611E-C1	26.53	4.4816-01			.2€9€	366E	-4.598E-02
		9.710E-01	26.96	4				1.365E 01	-3.630E-02
		5.7345-01	27.00	14.				36 SE	-8.447E-02
600 45.100		5.6655-01	27.05		8.576E-04	3846	8.245E 02	36 SE	736E-
		\$.626E-01	27.10	6479				1.365E 01	
		5.6E4E-01	27.13	4.478E-01	-2.327E-03			36 SE	-7.093E-02
		9.7C6F-01	27.19	-477E-	1.0936-03	.463E		365E	
		5.640F-01	27.21	4.477E-01	-8.354E-04	. 37 3E		1.365E 01	-2.546E-02
		5.612E-01	27.25	3674°	2.525E-03	36		36 SE	7.697E-0
		9.631E-01	27.31	.481E	3.609E-04	8E		366E	1.100E-0
		9.650F-01	27.37	.481	-6.7815-04	-		366E	-2.067E-0
		9.6355-01	27.42	.482	-1.111E-03			366E	-3.386E-0
		9.605E-01	27.46	.480	-2.681E-03	4.357E 02		366E	-8-172E-02
		5.622E-01	27.50	479	8-230E-04	4.364E 02			2.509E-02
		9.642E-01	27.55		8.702E-04	4.374E 02	.399E		2.652F-02
66.800 46.200	27.6	9.62201	27.59	480	-2.400E-03	4.364E 02	8.41CE 02	1.365E 01	-7.3156-02
		5.560F-01	27.64	4.479E-01	5.462E-04	4.336E 02	.424E		1.665E-0
		9.552E-01	27.65	•	-8.456E-04	336	3044.	365E	-2.577E-02
		9.5855-01	27.73	•	2.361E-03		. 45 1E		7.197E-02
		5.6C3E-01	27.79	4.481E-01	40-48E-04		3694·	3996	1.3715-0
	27.0	9.592=-01	27.81	4.480E-01	-1.4346-03		384.	w	-4.371E-02
460 46.500	27.6	5.422F-01	27.86	478	-1.635E-03	14		36 SE	-4.984E-0
	27.6	5.613E-01	27.90		-2.697E-03		.503€		-8.222E-0
	27.6	\$ -610F-01	27.94	•	8.04EE-04			36 4E	2.452F-02
	27.1	10-3955.5	27.58	614.	3.069E-04		. \$25E	1.365E 01	9.355E-03
	27.0	9.613E-01	28.04	478	-2.685E-03		.546€		-0-104F-02
	27.1	9.631E-01	28.08		7.458E-04		. 55EE		2736-
	27.1	\$.620E-01	28.16	1	-2.796E-04	346	3286	36 SE	-8.522E-03
	27.1	5.602E-01	28.19		2.26 SE-03		. 592€		915F
	27.1	5.5¢2E-01	28.23	4.481E-01	8-142E-04	311	3939.	366E	182F
	27.6	9.607E-01	28.27	4.482E-01	-			366E	259F
	27.5	9.616E-01	28.32	.480				36 SE	-3.944E-02
	27.1	5.583E-01	28.36		2.5	3476	35430	_	-7.503E-02
	27.0	9.592E-01	28.40	4.478F-01			.4586	_	267E-
48.	27.6	5.601E-01	28.43	480E-			. et 7E	366	653F
	27.1	5.612E-01	28.48	.47		300	308	1.365E 01	-7.107E-02
48.	27.0	9.603E-01	28.53	4.478F-01		356E	99	36	2.509E-02
48	316				b		36.46	34.66	
	7.17	10-10-	0000					10 20 20	¢

EXPEFIMENTAL CATA

RCOR 11 MF	1185	CSCL.	TENSION	LENGIH	VF13011V	ACCEL.	TENSICA	L ENGTP	VELCCITY	ACCEL.
SEC	SFC	Dic	Les	11	FT/SEC	FT/SEC/SEC	CRAP	ð	CP/SEC	CM/SEC/SEC
3.200	48.700	27.1	9.5755-01	28.64	4.4795-01	-	4.3436 62		1.365E 01	-1.5791-02
63.330	48.860	27.1	5.5704-01	29.70	4.479 8-01	-1.4316-03	3416		365	4.363
00+-69	606. 84	21.6	5.PC4F-C1	28.16	-4614.	83	4.447E 02		36 5 6	-3.511F-02
€3.50€	45.000	27.1	5.720E-01	28.81		2.268	3534.		36 36	-6.913E-02
309.€	45.100	27.1	C. 540F-01	28.86	4.4798-01	.79	4.327E 02		1.3656 01	1.767E-02
63.700	49.200	27.1	5.514E-01	28.51	61	.338	.315E		365E	1
63. 3CC	49.300	27.1	56	28.96	4.478F-01	-2.287E-03	. 380E		365E	-6.972E-02
63.900	004.64	1.12	5.6¢1E-01	28.59		8.976E-04			w	2.136E-02
64.000	49.500	27.1	9.620E-01	29.05	4.478F-C1	1.1835-04	4.364E 02	8.853€ 02	1.365E 01	3-605E-03
64.160	45.600	27.6	5.565E-01	29.10	4.482E-01	2.563E-03			366	7.812E-02
002-49	49.700	27.6	9.644E-01	59.14	82	-2.598E-04	3768		366E	-7.918E-03
94.300	49.800	27.1	5.686E-01	29.16	4.480E-01	-9.276E-04			3656	-2.827E-0
065.49	006.55	27.1	5.6445-01	29.21	4.479E-01	-1.120E-03				-3.415E-02
64.500	60.00	27.6	9.5916-01	29.56	4.478E-C1	2			3658	-6.795E-0
64.600	50.100	27.6	10-36£9.5	29.29	4.476F-C1	P.688E-04	. 372E			2.648E-0
201 - 45	50.200	27.5	5.650E-01	29.33	4.4798-01	3.992E-04	. 395E		36 5E	1.21 16-0
64.800	50.300	27.0	9.689E-01	29.36	4.476F-01	-2.45 IE-03				-7.593E-0
305 -+	50.400	27.6	25E	29.40	4.4771-01	40-3094·9	366E			1.969E-0
000-59	605.05	27.6		29.46	4.478E-01	-3.937E-04	3886			-1.200E-0
65.100	20.000	27.0		59.49	4.480F-01	2.377E-03	4.421E 02		366E	7.245E-02
15.200	26.100	23.1	8	29.54	4.4816-01	3.021E-04	355F			5.209E-03
906.59	50.600	27.1	_	29.57	4.482E-C1	8	309€		1.366E 01	-2.442E-02
204.63	20.500	27.1	536-	29.64	4.480F-01	-1.6E EF-03	. 375E			-5.140E-0
15.500	600-16	1.12	•	29.10	4.4808-01	-2.3845-03	40+E			-7.268E-0
92.600	21.100	27.1	_	59.14	4.4775-61	1.033E-03	.452E			3.148E-0
65. 700	51.200	27.6	=	29.19	4.478F-01	3.01 5E-04	. 405E			9.189E-0
65.800	51.300	27.1	2	69.63	4.477F-01	-2.273E-03	.343€			-6.928E-02
65.900	21.400	27.0		58.62		1.246E-04	. 3866			2.209E-0
900.9	21.500	21.6		29.60	4.478E-01	-4.655E-04	.441E			-1.415E-0
99.100	21.600	27.6	10-17115	55.62	4.478E-01					7.326E-0
66-290	51.700	27.6	5.584E-01	66.62	4.478E-01	-2.816E-04	. 34 7E		1.365E 01	-8.584E-0
66.300	21.800	27.6	10-3009.5	30.05	4.478 5-01	-	3456.			-4.305E-0
96.430	21.900	27.0	9.658E-01	30.02	4.476E-C1	-	356€			
ee. 500	52.600	21.5	—	30.11	176-	-2.711E-03	36 34.			•
009.99	22.100	1.12	10-36+3-5	30.15	-11	1.209E-03	.375			. 686
66. 700	25.200	27.0	3	30.21	1	5.04	.3576			238
66.100	52.300	27.1	5.615E-01	30.26	78E-	-1.388E-03	. 385E	9.2236 02	1.365E 01	-4.232E-02
006-99	25.400	1.13	5.651E-01		18	-				.690
67.000	25.500	1.72	10-3619°	30.35	78F-	- 5.16 8E-04	3016 .			515
67.100	25.600	27.1	5.588E-01	30.39	-36L	1.812E-03	3646		26	
002 -1	25.700	27.5	6.6 305-01	30.44	196-	-	.368E		36 SE	100
₹ 1. 30€	52.800	27.1	5.635E-01	20.47	80 E-	-1.140E-03	371E		1.365E 01	-3.475E-02
67.400	25.500	27.1	6.6035-01	30.52	79E-	1.60		304E	36	4.878
67.500	53 .000	27.1	9.592E-01	20.57	17E-	-2.355E-03	351E		-	178
37. 60€	\$3.130	27.6	3.6875-01	30.65	4.4768-01	1.534E-03		322E	1.364E 01	4.676E-0

EXPERIMENTAL CATA

AC.JR	RUN	. 1252	NC ISNEL	LENGTH	VELOCITY HED	ACCEI.	TENSICK	LENGTE	VELOCITY	ACCEL.
	SEC	256	res	t	FT/SEC	FT/SEC/SEC	GRAF	5	CP/SEC	CH/SEC/SEC
67.300	53.300	5.92	9.5625-01	30.70	.475	-1.8645-03	4.3376 62		1.364E 01	-5.686E-02
000	53.400	26.5	1	30.75	4.474E-01	1.7095-04	4.133E 02		1.364E 01	5.209E-03
08.000	53.500	27.6	5.6365-61	30.11	4.475E-01	-4.855F-04		380E		-1.492E-02
00	53.466	27.6		30.81	.477	2.082E-03	31 3	9.39 IE 02	1.3656 01	6.3456-02
00	\$3.100	27.6	1	30.87	.479	-3.199E-04	V			-9.751E-03
00	53.800	27.0	1		4.4795-01	-		425E		-4.559E-02
20	53.500	27.6	5.6135-01	30.98	!		750		1.3656 01	-5.263E-02
20	24.000	1.73	1	:	4.4776-01	-2.4496-03	7	9.45eE 02		•
20	54.130	17.1	1		4-4765-01	1.109E-03	359	9.471E 02		3.380 -02
20	54.200	27.1	1	31.13	4.477E-01	7.547E-04		46 EE	1.36 5E 01	2.300E-62
68.300	54.330	27.1	5.584E-01	31.17	4.4775-61	-1.3485-03	17.			-4.109E-02
00	24.400	27.1	9.545F-01	31.21	4.477E-01	1.464E-03		\$11E	1.364E 01	4.4616-02
000.69	54.500	27.1	5.6355-01	31.26	4.477E-01	-2.475E-04	1575			-7.5436-0
69.100	54.600	27.1	5.589E-01		4.4786-01	2.061E-03	4.350E 02	538E	1.365E 01	6.282E-0
20	54.700	27.0	5.605E-01	-	4.4786-01	1.456E-04		3355		4.4386-0
00	54.600	27.6	5.637E-01	31.37	4.480E-01	-9.728E-04	116	9.562E 02		-2.9656-0
00	54.900	27.0	9.646E-01	31.43	4.477E-C1	-1.404E-03		Sece	_	-4.280E-02
20	55.000	27.5	5.600F-01	31.46	4.475 8-01	-2.708E-03				-8.255E-02
00	95.100	17.1	5.642E-01	31.49	4.475E-01	1.3196-03	T	3656	1.3646 01	4.021E-02
69.700	55.200	27.0			4.477E-01	3.391E-04				1.0336-02
69.300	55.300	27.1	10-3949°5	31.61		-1.437E-03	4.376E G2	9.634E 02		-4.38CE-02
90	25.400	27.1		31.65		1.92 8E-04		3849	1.3656 01	5.876F-03
00	55.500	27.6	9.638F-01		4.478E-01				1.3656 01	4.0631-03
00	25.600	27.1			4.480F-01	2.06JE-03	386		1.365E 01	6-278E-02
00	25.700	27.0	1		1		36/	692E	1.3666 01	3.230F-03
9	55.800	1.12	1	31.85	1	-	716		1.365E 01	-6.074E-02
20	25.500	27.1		31.85		-1.869E-03	312	196		-5.697E-02
0	26.000	27.1	1	31.93	1	-2.754E-03		336	1.3656 01	-8.3996-02
2	26.100	27.1	5.6266-31	31.99	14		319	316	1.364E 01	2.098E-02
00	26.209	27.6	1	32.62	4.477E-01	6.248E-04	396		1.3656 01	1.504F-02
10-800	26.300	27.0	1	32.06	4.476E-01			116	1.3646 01	-2.809E-03
00	26.400	21.5	1	37.12	4.476E-01		386		1.364E 01	Z. 634F-02
000	26.500	27.6	1	32.15	1	4.901E-04	70	1661	1.365E 01	1.494
001	26.400	27.6	5.640E-01	32.19	186-	1.585E-03		1 CE	1.3656 01	*. R. F. 62
00	26.700	27.6		32.23	!			8246		1.002E-02
900	26.800	27.6	9.643E-01	32.28	80 E-			4CE		-5.1136-02
400	26.500	27.1	1	32.31	L	-1.816E-03				-5. 536E-02
11.500	57.000	27.1		32.36	.!.	-2.390E-03			_	3
20	57.100	27.1		32.42	4.4776-61	1.236E-03		9. EEZE C2	1.364E 01	3.7675-02
00	51.200	27.1	.1.	35.46	1	8,367E-04	4.337E 02	_	1.366E 01	2.550E-02
00	57.300	27.1		32.51	4.4786-61	-1.808E-03	146	9.5688 02	.365E	-5.511E-02
90	27.400	27.1	1	32.56	4.478 E-01		4.337E G2	9.526E 02	1.365E 01	-6.730E-03
000	87.500	27.5		32.62	4.477E-C1		4.3438 02	543E	1.365E 01	1.74E-02
00	57.600	27.1		32.66	4.479E-01	2.505E-03		955E	1.365E 01	7.634E-04
700	57.700	27.1	5.5855-01	32.70	4.490 E-01	1.0835-03	1486	See	1.366E 01	3.300E-0
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EXPERIMENTAL CATA

				Toron a	51110			CHILD CHILD	2000	
11.45	1116	446.5	MILENSTON	LENGIA	VELUCITY	ALLEL.	CASICA	LENGIF	VELUCITY	ACCEL.
SEC	SEC	DEG	1.85	FT	FT/SEC	FT/SEC/SEC	GRAP	*	CP/SEC	CH/SEC/SEC
2.400	97.500	27.1	9.5925-01	32.78	4.4785-01	-1.1046-03		9.552E 02	1.365E 01	-5-192E-02
7.500	58.000	27.6	5.589E-01	32.84	~	-2.939E-03	45E	00 1E		
72.600	58.100	27.6	5.657E-01	32.67	4.474E-01	5.346E-04		1.0026 03		•
2.700	58.200	27.0	5.646E-01		4.476E-01	-6.152E-05	4.375E C2		1.364E 01	.875
2.300	58.300	27.6	5.6C5E-01		4.4745-01	-1.155E-03	157E	3420	1.364E 01	519
2.900	58.400	27.1		. 32.59	4.475E-C1		4.355E 02	3900	1.364E 01	
3.000	58.500	27.1	1		4-475 8-01	6.016E-05	313E	31 33	1.364E 01	834
3.100	58.600	27.1		33.10	79E-			1.009E 03	1.365E 01	6-770F-02
3.200	58.700	27.1	1	33.14	479F-	6.665F-04			1.365 01	2.032F-02
3.300	58.500	27.1		33.20	S	-8-148F-04	369	9210		
3-400	58.900	27.1	9.646F-01	23.24	79F	1	375F	1.0136 03	1.3656 01	-
3.500	59.000	27.1	. 1	33.28	478E-	-2.572E-03		1910		0.067
3.60	56.100	27.1	C. 650F-01	33.34	476 E		200	3710	1 36 45 01	
2002	200	22.0		22.24		1071300	3000			v c
200	2000	34.1		22 43	101111111111111111111111111111111111111	2000	3000	50 3513	10 3696 1	20-26-10-2-
0000	2000	22.0	10-100-6	33046		200000				
2000	005.66	1012	10-2/60-6	20.40	١.	-0-1621-0-			10 3696 1	
000-	29.500	10.77	10-1160.6	23.49	1.	10-3015-1	3766	1.0216 03	10 3000	
4.100	25.600	3-17	1	33.54	1	2.665E-03	3676		1.365E 01	8-126E-02
4.200	29.700	27.5	5.614E-01	33.59	1	2.878E-04			1.365E 01	8.772E-03
4-300	25.800	27.0	9.660E-01	33.62	L	-1.803E-03		1.025E 03	1.365E 01	-5.497F-02
4.400	25.900	27.0	1	33.66	1		346		1.365E 01	-4.4236-02
4.500	000-09	27.1	5.683E-01	33.71	4	-2.635E-03			1.3646 01	-8.032F-02
4.666	96.100	27.1	5.739E-01	33.76	1	5.961E-04			1.3646 01	1.817E-02
4. 700	96.200	27.6	5.72E-01	33.61	4.478 01	-162E-			1.365E 01	3.5426-04
4.800	60.300	1.12		33.67	4.477E-01	-1.256E-03		1.032E 03	1.3646 01	-3.830E-02
906 -+	96.400	27.1	1	33.91	4.477E-01				1.3656 91	4.3766-04
2.300	905.09	27.1	10-3459.5	33.€€	1			1.035E 03	1.365E 01	2.611F-02
2.100	60.600	27.1	9.705E-01	34.01	4.478E-01	1.565E-03	2E		1.365E 01	5.988F-02
2.200	96.700	27.1	1	34.06		3.220E-04		1.C38E 03	1.36 SE 01	9. 6146-03
5.300	60.800	27.1	5.640E-01	34.10	4.4796-01	-9189·			1.365E 01	-8.172F-02
2.460		27.1	5.670E-01	34.14	4.477E-01	-1.736E-03		C4 1E	1.365E 01	35
2.500	61.000	27.1	5.721ë-01	34.18	156-	-2.373E-03		1.04 2E 03	1.3646 01	-7.234E-02
2.600	91.100	27.0	9.697E-01	34.22	1.	1.6496-03		36	1.364E 01	5.026F-02
9. 100	61.200	27.0	5.66E-01	34.27		7.506E-04			1.3648 01	88
2.800	•	27.0	5.66 TE-01	-	4.4758-01	.223	w	9 E	1.364€ 01	-3.726E-02
2.900	:	27.0		34.35	4.4754-01		36		1.364E 01	-7.813E-03
9000.9		27.6	5.7CBE-01	34.37	4.4768-01	9.522E-04	w	1.C47E 02	1.364E 01	2.902F-02
16.100		27.1	2.6545-01	34.41	1	1.9906-03				80
6.200	91.100	27.1	9.672ë-01	34.46	4.480E-01	3.042E-04			1.366E 01	-
6.300	61.600	27.1	1	34.52	4.479E-01	-2.164E-03			1.365E 01	-6.597E-02
9.400	61.500	27.1	5.691E-01	34.57	4.478E-01	.372			1.365E 01	-
6.500	62.000	27.2	5.655F-01	34.60	4.4776-01	-2.495E-03		1.C55E 03	1.365E 01	-7.605E-02
009.9	62.100	27.1	5.1366-01	34.66	4.475E-C1	6.556E-04	4.416E 02	395C	1.364E 01	
16.700	62.200	27.1	-91	34.72	478F-	6.35 EE-04	414	3850		
16. 8€€	95.300	27.1	- 35		1	.055	3998	u	1.365E 01	-3.215E-02
74 300	42 400	37.1	2	34 61		10 2362 1				

EXPERIMENTAL CATA

CUR	RUN	CSCL.	TENSION	LENGTH	VEL OC 11Y	ACCEL.	TENSICA	LENGTH	VELOCITY	ACCEL.
SEC	SFC	DEG	LPS	11	FT/SEC	FT/SEC/SEC	CRAP	3	C#/SEC	CM/SEC/SEC
000	62.500	27.1	9.6795-01	34.85	4.4765-01	7. £02E-04	4.351E 02	1. Ce 2E 03	1.364E 01	2.3176-02
77.100	05.600	27.1	5.147E-01	34.88	4.478 8-01		.421E	062E 0	. 36 5E	5.001E-02
.200	62.700	27.1	5.72CE-01		4.478E-C1	6.152E-06	3634	1.0648 03	.365E	1.875E-04
11.300	62.800	27.1	5.640E-01	34.97	1	~	36	OFFE O	36 SE	-7.351E-02
004.	62.500	27.6	5.681E-01	35.01			.391E	1.067E 02	.364E	-5.511E-02
.500	63.000	27.6	9.747E-01	35.05	.475	2		3890	.364E	-8-130E-02
209.	63.100	27.1	9.129F-01	35.08	4.473F-01			35 90		2.607E-02
.700	63.200	21.6	5.66CE-01	25.13	-474E-			3110		3.784E-02
908.	63.300	27.1	9.6296-01	35.17	4.476E-01	1.347		072E	1.364E 01	-4.105E-03
906.	63.400	21.2	10-3099°5	35.22	-476E-		378	13E		-8.584E-03
0000	63.500	27.1	5.723E-01	35.28		085	360	.075E	.365E	3.307E-02
100	63.600	27.1	10-3659.5	35.21	.478	.073		39L)	365E	2.461E-02
18.200	63.700	21.1	5.6635-01	35.37	4.479E-01	.764	4.3838 02			5.376E-03
.300	63.600	27.1	9.6535-01	35.42	-478E-	2.		3080	36 5E	-6.199E-02
204.	63.900	27.3	9.644E-01	35.47	477F-	1.349	15E	CELE	365E	-4.113E-02
.500	003.49	27.1	9.658E-01	35.51	.475			3 8 E	. 364E	-8.586E-0
209.	001-49	27.1	5.679E-01	35.56	4.474E-01	187		CEAE	364€	3.619E-0
. 700	64.200	27.2	5.6£7E-01	35.58	.477	1.94 2E-03	154E	3530	. 36 4E	5.919E-02
.300	64.300	27.0	5.451E-01	35.64	-476F-		395		364E	-2.37 1E-02
.900	64.400	27.0	9.6716-01	35.67	-475E-	-4.32 7E-04	. 367E	. C8 7E	364E	-1.319E-02
19.000	64.500	27.6	5.6725-01	35.72	-476E-	7.191E-04	4.3876 02	•		2.192F-02
001	009- 49	27.6	5.679E-01	35.76.	-476E-			3060	364E	4.598F-02
207	64.700	27.6	5.641E-01	35.79	F	-3.02 EE-04	13E	C\$ 1E	.365E	-9.230E-03
. 300	64.800	27.1	5.617E-01	35.84	-477E-				36 SE	-8.120E-02
004.	64.500	1.12	9.646E-01	25.69	.1.			346		-5.342E-02
. 200	92.000	27.1	9.682F-01	35.93	475E-			. CS SE		-8.636E-02
009.	65.100	11.12	10-3959.5	35.59	-474E-	6.856E-04		05 7E	-	2.090E-02
. 700	65.200	27.1	9.642E-01	36.62	4.476E-01	1.742E-03	374E			5.309E-02
306.	65.300	27.1	5.625-01	36.08	-477E-	-1.490E-04		1.1CCE 02	ш	-4.542E-03
006.	65.400	27.1	5.661E-01	26.13	-476E-			500		-2.317F-02
900.	65.500	21.6	5.680E-01	36.16	.1.	1.295E-03			.365E	3.9461-0
.100	65.600	27.6	5.6625-01	36.21	-477E-	1.157E-03	32		1.364E 01	3.525E-02
.200	65.700	27.6	9.623E-01	36.25	-479E-	- 76 3E-			36	1.756E-0
300	65.800	27.6	9.6195-01	36.29			36		1656	-6.080E-02
2000	005-59	27.1	5.644E-01	36.33	476E-	=	3 9	1676	.364E	-3.396E-0
.500	000 - 99	27.0	9.6575-01	36.37	-476E-		30		1.3646 01	-7.543E-0
209.	66.100	27.1	9.630E-01	36.41	•	9.666E-04				2.946E-0
80.700	66.200	27.6	5.620F-01	36.46	1	2-119E-03			3646	6.459E-02
. 800	66.300	27.0	9.637 =-01	36.49	-476E-		4		.364E	-2.452E-0
006.	004-99	27.6	5.637E-01	36.54	1	3			ш	-3.467E-0
0000	005-99	27.6	5.607E-01	36.59	-31L	.963			1.364E 01	1.5136-02
.100	66.400	1.12	9.588E-01	36.64	4.477E-01	9.546E-04		36	365E	3.032E-02
.200	66.700	27.1	5.584E-01	26.70	4.478F-01	736			.365E	2.663€-02
.300	96.800	1.72	9.5c3E-01	26.74	4.478E-C1	.3	.351E	1.120E 03	365E	-7.228E-02
81.400		27.1	9.615F-01	36.78	477E-	•	.361E		.365E	-3.557E-0
200										

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EXPERIMENTAL DATA

VARIABLE LENGTH CAPLE SYSTEMS DYNAMICS

4C 34	RUN	esct.	15.45100	LENG TH	VELOCITY	ACCEL.	TENSICA	L ENCT P	VELOCITY	ACCEL.
3:5	SFC	930	1.63	1.1	FT/SEC	FT/SEC/Sec	CRAP	ð	CMISEC	CM/SEC/SEC
91.100	67.160	21.1	4.6 357-01	30.89	4.4746-01	3.042E-04		1.1246 03	1.364E 01	9.272F-03
1. 700	67.200	27.1	10-:055.5	36.95	4.476 01	1.7166-33	4.350E C2	1.125E 03	9 E	5.230E-02
066.1	67.300	27.6	6.55401	36.57	4	671.	.352€	1.127€ 03		5.205E-04
1.906	67.490	21.0	5.6135-01	37.00	-	5		1. 18EE C3		-2.536E-02
5.000	965-19	21.6	.6	37.65	w	1.8196-03	387€.			5.544E-02
5.130	67.600	27.6	9.6315-01	37.55	1	1.C75E-03			3646	3.2878E-02
5.200	67.700	27.6	6.5918-01	37.12	4.477E-01	5.551E-04		E	36 SE	1.692E-02
306.5	064.10	26.5	5.554F-C1	37.16	1	-2.812E-03		356	3 E	-8.570E-02
82.400	67.930	5.97	24	37.18	4.473 5-01	-9.175E-04		E	364E	-3086-
305.5	69.000	26.5	50	37.24	4.475 8-01	-1.752E-03			3	-5.340E-0
009.2	68.100	27.1	5.6335-01	27.29	-	6.337E-04	3076.		364E	1.9316-02
201.5	69.200	27.1	4	37.35	4.476E-01	1.1536-03			364E	3.5156-02
82.800	68.300	27.6		37.39	4.478E-01	-3.739E-04		u	36 SE	-1.140E-02
006.2	68.400	27.1	5	37.44		-1.495E-04		41E	365E	-2.286E-02
63.00¢	68.500	27.1	24	37.49	1	1.805E-03			1.365E 01	5.503E-02
3.100	98.600	27.6	25	37.54	4	1.0415-03		345	.365E	3.2946-0
83.200	68.700	27.0	8	37.58	1	4.46 4E-04		15E		1.3616-0
3.300	68.600	27.6	15	37.63	4.4791-01	-1.831E-03	4.328E 02	176	1.365E 01	-5.580E-02
83.400	68.900	27.6	13	37.68	4.476E-C1	-1.390£-03		_		-4.236E-02
83.500	600-69	27.0	25	37.72	1	-2.345E-03				-7.147E-02
83.600	69.100	27.6	44	37.76	14 E	5.893E-04	.383€	1.151E C2	1.364E 01	1.796E-02
3.700	69.200	21.6	65	37.82	4.4775-01	7.485E-04		3 E		2.282E-0
83.8CC	65.300	56.5	-365	37.86	4	-2.666F-04				-1268-
3.900	S	27.6	176	37.89	- E	-1.164E-03			1.364E 01	-3.548E-02
0000.	G.	27.6	9-1135-01	27.53	16E	1.003E-03				3.0576-02
4.130	009-59	27.6	9.5895-01	37.99	w	4.419E-04	. 350E			1.956E-0
4.200	69.700	21.6	5.5CRE-C1	38. 62	62	-2.324E-04				-7.084E-03
4.300	008.69	27.0	20	38.69	4.4785-01	-2.207E-03			ш	-6.726E-0
84.400	69.900	21.6	.138	38.15	1	-1.7386-03	4.4176 02		1.365E 01	-5.29E-0
4.500	70.030	27.1	2	38.16	.475E	-2.563E-03				-7.813F-0
009.4	10.100	27.0	5.582E-01	38.23	4.473E-01	1.071E-03				3-265E-0
4.700	10.200	27.6	5.5345-01	38.27	776-	1.8291-03			1.3646 01	5.576E-0
** 800	10.300	27.1	23	38.32	•	-1.094E-05		385		-3.334E-0
54.5CC	76.400	27.0	5.70201	41	1	-1.818E-04	-401E		1.364£ 01	-5.542E-0
15.000	10.500	27.6	5.6603-01	28.42	1	1.7646-03		116		5.376E-02
2.100	10.600	27.1	6.5685-01	28.43	-478E-			71E	1.365£ 01	3.1216-0
2.200	10.760	21.6	5.564E-01	4	-36	9			1.3656 01	1.35 CE-02
9.300	70.800	27.6	5.630E-01	38.52	1	-2.557F-03		346		-7.795E-0
2.400	10.900	56.5	16		-35L	-1.684E-03		371		-5.134E-0
85.500	71.690	27.6		38.60	1	-2.690E-03		311	1.3646 01	8.199E-
85.600	11.100	27.0	200	*	1	-6.357E-05		18E		-1.938E-03
3		56.5	48	58.69	4.475E-01	1.125F-03	.4 2 2E	ž	1.364E 01	-4406-
85.800	71.300	27.0	576	-	4.475F-01	-7.403E-04	43E	1,1816 62	***	2.257
2.900	71.400	27.0	156	38.80		-5.823E-04		1.1826 03		-2.994E-02
66. CGC	11.500	27.6	5.582E-01		4.4775-01	1.456E-03	4. 346E 02	1.1846 (3	1.364E 01	4.438E-0

EXPERIMENTAL DATA

VARIABLE LENGTH CAPLE SYSTEPS DYNAMICS

RCD4		Sct.	TENSION	LENGTH	VEL OC 1 TY	ACCEL.	TENSICA	LENGTA	VELOCITY	ACC EL.
	SEC	DEG	LBS	11	FT/SEC	FT/SEC/SEC	CRAN	ð	CP/SEC	CM/SEC/SEC
86.200 71.		27.0	9-7175-01	38.65		4.778E-04	4.4CEE 02	1.1676 03	1.365E 01	1.4565-02
		27.6	5.577E-01	39.00	4.479 4-01	1.6		1.165E C2	1.365E 01	106
		27.6	13-3155.5	39.65	.478E	-:		1.1906 03	1.365E 01	403E-
	72.000	26.5	5.669E-01	39.09	LL:			1.151E 03	1.364E 01	532F
		27.6	5.740E-01	39.13	.473E-	3.131E-04	381 +·	1.1926 03	m	54 3E-
		21.0	5.660E-01	39.16	ш	1.522E-03		w	364	TO 10
		27.6	5.586E-01	39.51	-475F-	1.094E-05		15 £	364	3.334E-04
		26.5	10-5049.5	29.24	4.	-3.090E-04			364	-9.418E-03
		27.0	9.7205-01	29.26	477E-		4CSE	1.157E 03	365	249E-
		26.5	10-3/3/5	39.27	-4776-	1.319E-03			36 SE	4.015E-02
		26.5	5.624E-01	39.28	-478F-	-4-847E-04	365E		1.365F 01	4175
		5.92	5.604E-01	39.29	-478E-	2		1.158F G3	365E	-7-676F-02
87.400 72.		27.6	5.6516-01	39.31	-475 8-	2	186	15 8E	4	-6.205E-02
		27.6	10-3989.5	39.34	-476F-	2.2	.393E		3646	-6.960F-02
		27.6	5.6756-01	39.40	-474E-		3886	1.2C1E C2	364	1-463E-02
		27.6	S. £ 44E-01	39.43	-477E-	1.4016-03	3756	1.202E 02	3445	4-27 IF-02
		27.0	9-625F-01	39.48	4776-	1.5936-04	3665			4.855E-03
		27.6	9.6365-01	39.55	476 F-	-1.101F-03	3716	1.206F 02		-3.355E-02
		27.0	S-66CF-01	39.65	-4776-		3826	1.206F 03		4.04CF-02
		27.0	9.665E-01	39.63	-478F-	1.645F-03				5-015F-02
	73.760	27.6	5.598F-01	39.68	-480 E-		4.354E G2		1.36 SE 01	6.126E-04
		27.1	5.542E-01	29.72	477E	12		211E		-8-601E-02
		56.5	5.6336-01	39.78	476	~	4.370F 02	1.212E 03		-6.6708-02
88.500 74.		26.5	S.6F5E-01	29.61		-1.782E-03			364E	-5.432E-02
		59.92	9.643E-01	39.85	.473E	6.494E-04				1.979E-02
		5.92	5.560F-01	39.90	.474	8.641E-04				2.634E-02
88.800 74.	14.300	56.55	5.5315-01	39.65	-474E-	-8.832E-04			364	-2.692E-02
		27.0	5.603E-01	39.61	-473E-	-6.645E-04	356E			-2.025E-02
8		27.6	5.646F-01	40.01	-475E-	1.535E-03	.315E		36 4E	4.678E-02
89.100 74.	00	26.5	5.6218-01	40.07	-477E-	€.531E-04				2.600E-02
	00	27.6	5.555E-01	40.12	4-4786-01	1-1276-03	. 1346	1.223E 03	365E 0	3.434E-02
		27.6	5.570E-01	40.16	-479E-		341€	1.224E 02	1.365E 01	-6.474E-02
		27.0	10-3669.5	40.21	-477F-	-	370E		365E 0	-3.934E-02
65.500 15.	15.000	27.6	9.665E-01	40.26	•		.364E	1.227E 03	364E 0	-7.176E-02
		27.1	C. £ 20E-01	40.30	-4748-	6-1736-04			1.364E 01	1.001E-02
		27.0	9.5875-01	40.34	4.476E-C1	1.9696-03		0	1.364E 01	1
	15.300	27.5	5.591E-01		174.	-1.422E-04		.232E	1.364E 01	334E
		27.6	5.6305-01	40.42	4.476E-01			0	1.364E 01	902
		27.5	9.6325-01	40.48	4.477E-01	2.1576-03		.234E 0	1.365E 01	-37.6d
90.100 75.	15.600	27.5	5.6515-01	40.53	4.477E-01	4.0		3	36 SE	244E-
		26.0	C.667E-01	40.56	.478	4		0	365	584
		26.5	5.642E-01	40.61	-477F-	2.865		0	364E	795E-
		26.5	5.648E-01	40.64	4.474E-01	1.987	.376E	0	364	
16	0000	27.6	10-31596	40.69	4.474E-C1	-	. 373E	0	364E	-420E-
\$0.60€ 76.		27.6	9.703E-01	40.75	4.473E-01	5.052E-04	3105.	242E 0	36.3	540
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EXPERIMENTAL DATA

VARTABLE LENGTH CABLE SYSTEMS DYNAMICS

RCOR	PUN	OSCI.	TENSTON	LENG TH	VE1.0C.11V	ACCEL.	TENSICA	LENGTH	VELOCITY	ACC EL.
sec	SEC	neg	1.85	F 4	FT/SEC	FT/SEC/SEC	CP AP	ð	CW/SEC	CM/SEC/SEC
005.00	76.360	27.4	9.6215-01	40.80	4.4778-01	-4. £85E-04	4.364E 02	1.245E 03	1.364E 01	-1.429E-02
20.300	70.400	27.6	5. 604E-01		4.475 5-01	1.45	4.35EE G2	247E		-4.43CE-02
000.16	76.500	21.12	9.647E-C1	40.56	4.477E-01	8	391			5.619E-02
91.100	16.600	27.6	5.709E-01	41.01	1		04E	1.250E C2	1.365E 01	3.432E-02
91.200	16.700	27.1	5.689E-01	41.04	1	8.019E-04	95E			2.444E-02
91.300	76.800	21.5	9.¢ 35E-01	41.09		-2.337E-03				-7.122E-02
51.400	16.5.10	21.0	10-5019.5	41.13	15 E-				1.364E 01	-6.274E-02
91.500	77.000	27.1	5.656E-C1	41.15	-	-1.8816-03	308E			-5.134E-02
91.600	77.100	27.6	9.7085-01	41.22	4.472E-01	8. 736E-04	4.4C3E 02		000	2.663E-02
21.700	17.200	27.6	5.6835-01	41.26	4.4765-01	2.0416-03	3528			6.222E-02
91.300	77.300	27.6	5.631E-01	41.29	4.475E-01	-2.577E-04			1.364E 01	-7.855E-03
91.900	17.400	27.5	10-5089.5	41.23	4.475E-01	-1.157E-03				-3.525E-02
000-76	17.500	27.6	-	41.37	4.475 E-01	1.6366-03			1.364E 01	4. 586E-02
92.100	77.630	2.75	U	41.41	4.477E-01	6.604E-04				2.0136-02
92.200	17.700	27.5	5.614E-01	41.47	4.477E-01					-6.167E-03
92.300	17.800	27.1	w	41.51	4.477E-01	-2.356E-03				-7.182E-02
92.400	17.900	1.12	9.695E-01	41.58	4.475E-01	-2.059E-03	31 5	1.267E 03	1.364E 01	-6.276E-02
52.50¢	18,000	27.1	a	41.63	4.475 E-01	-	184E			-3.932E-0
92.600	78.100	27.1	9.756F-01	41.68	4.475E-01	1.060E-04			-	3.230E-03
92. 700	78.200	27.0	9.493E-01	41.73	4.475E-01	1.524E-03				863E-
85.8CC	18.300	27.1	5.459E-01	41.17	4.4776-01	1.025E-04	306		ш	3.125F-03
006.26	18.400	27.1	5.667E-01	18.14	.415	-3.199E-04	3656		1.364E 01	151
23.666	18.500	27.6	5.812E-01	41.85	-0	1.6525-03			ш	036E-
93.100	18.600	27.1	5.699E-01		-477E-	-2.652E-04		1.277E 02	1.36 SE 01	-8.084E-03
003.56	001.00	21.00	10-3166	41.53	13-17-61	-3.2935-04	3636			-1-004-0-1-
2000	2000	22.00	10-1750.	10.11	10-3616	-2.27 1E-U3	37			20-70-0-
2004.66	20000	27.02	3.67.2E-01	77.00	4.4745-01	-2.2725-03	376			-6.520E-02
33.300	2000	23.	10-24111	45.00	715	-1.651E-03	3006			-2.0325-0-
3000	79 200	27.1	5.65 /E-01	42.09	10-31/4-6	2.557E-04		1.482E 03	1.3636 01	7. 193E-03
03 000	36 300	23.1	100000000000000000000000000000000000000	42 .00	7.78	1000000				
03.000	76.400	27.1	10-2000 C	42.25	475.	-3 542E-04		1 2006 62	10 3446	-1.5928-0
000-96	79.500	27.1	6.719=-01	42.25	4.477E-01	2.103E-03				A. 41 15-02
54.100	19.600	27.1	5.644E-01	42.32	478	2-974F-04	3746			9.064 F-03
94.200	35.766	27.6	5.579E-01	42.38	.1	1-121E-04	145E			175
94.300	79.800	27.1	9.612E-01	42.43	417	-2.391E-03	. 36 OE			-7.288E-02
64.400	19.500	27.1	- 389	45.48	475 E-		3636			5.071E-
94.500	80.000	27.1	5.5E0F-01	42.51	4.475E-C1	-1.864E-03	346E			5.682E-
009-46	80.100	27.1	53F-	42.57	-4735-	2-146E-04	. 424E	1.257E 03	1.363E 01	6.542E-03
94.100	80.200	27.1	5.774E-01	45.59	475 E-	2-1946-03	433E		ш	€86E-
008-46	80.300	27.1	5.649E-01		476E-	-7.089E-04	.377E	3		-2.161E-02
39.96	80.400	21.1	9.580E-01	42.68	474E-	-	34 SE		-	-4.078E-02
95.000	86.500	27.6	5.650E-01	42.73	415E-	1-1166-03	377E		1.364E 01	3.400E-02
95.100	80.600	27.0	9.728F-01	42.17	415		412E	3046	1.364E 01	2.8136-02
55.2CC	86.700	27.1	9.7165-01	42.80	4-475 F-01	-	21.3	36.6	1. 344E	1.554F-02
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EXPERIMENTAL CATA

VARIABLE LENGTH CABLE SYSTEPS DYNAPILS

PCJR	RUN	csci.	TENSION	LENGTH	VELOCITY	ACC EL.	TENSICK	LENGTH	VELOCITY	ACCEL.
3.	1116	ANGLE								
EC	SFC	DFC	res	11	FT/SEC	FT/SEC/SEC	CRAP	5	CMISEC	CM/SEC/SEC
400	80.900	27.1	C.622F-01	42.51	4.473E-01	-2.548E-03	4.364E 02	1.3C8E 03	1.363E 01	-7.766E-0
200	81.000	27.1	35	42.55	4.473 5-01	-2.132E-03	SOSE	1.3056 03		-6.499E-02
009	81.100	27.1	4	43.00	4.472F-01	5.106F-04		1.3116 03		1.55¢E-02
95. 100	81.200	27.1	5.69F-01	43.06	4.4748-01	2.63CE-03				8.016E-02
900	81.300	27.1	5.639E-01	43.10	4.4766-01	4.990E-05		311€		1.521E-0
006	81.400	27.1	9.604E-01	43.14	4.474E-01	-1.203E-03		1,315€ 03		-3.667E-02
000	81.500	27.1	9.6395-01	43.19	4.476E-01	1.591E-03				4.851E-02
001	81.600	27.1	CE-	43.23	4.476E-C1	5.94CE-04		.3166		1.8116-02
96.200	81.700	27.1	9.655F-01	43.27	4.4785-01	8.5455-04		. 319E		2.604F-02
Se.30C	81.800	27.1	5.648E-01	43.31	4.476E-01	-2.122E-03		1.32CE C3		-6.467E-02
004	81.900	1.72	-=-	43.36	4.475E-01	-2.605E-03			750	-7.941E-02
94.200	82.000	27.1	F	43.40	4.472E-01	-1.825E-33		1.323E 03		-5.563E-02
900	82.100	27.6	5.7GIE-01	43.44	4.472E-01	3.369E-04				1.179E-02
96.700	82.200	27.1	3.5	43.49	4.4748-01	2.592E-03		325€		7.899E-02
66.800	82.300	27.0	5.615E-01	43.52	4.474E-01	-1.038E-03			1.364£ 01	-3.165E-02
006	82.400	27.1	9.588E-03	43.58	4.472E-01	-1.392E-03				-4.244E-02
97.000	82.500	27.1	9.649E-C	43.61	4.475E-C1	1.462E-03		35		4.457E-02
001	82.600	27.1	9.708E-41	43.68	4.476 5-01	1.012E-04				3.084E-03
200	82.700	27.1	9.7C4E-01	43.14	4.477E-01	2.413E-04	326	-		7.355E-03
300	82.800	27.1	9.6685-01	43.78	476	-2.466E-03		3		-7.518F-02
004	82.900	27.1	5.6C5E-01	43.83	4.474E-01	-1.946E-03		w		-5.93CE-02
200	83.000	27.2	5.55E-01	43.88	2	-1.917E-03		311		-5.842E-0
\$7.600	83.100	27.1	9.6275-01	43.92	E	1.177E-06		SE		5.417E-03
100	83.200	27.1	C. 640E-01	43.56	4746	2.708E-03		340E	1.3646 01	8.253E-02
800	83.300	27.1	9.605E-01	44.00	4.475E-01	-8.15CE-05	. 357E	1		-2.667F-0
306	83.400	27.1	6.5765-01	40.44	4 .4 74 E-01	-1.062E-03	. 344E	1.342E 03		-3.236E-02
000	83.500	27.1	6.506=-01	44.05	3	1.416E-03	153E			4.315F-02
98.100	83.600	27.1	9.642E-01	44.13	111	1.745E-04	3 13E	3456		2.361F-02
200	83.700	27.0	4.667E-01	44.18			4.3ESE 02	1.347E 03	1.3646 01	2. 738E-
98.300	83.800	3.12	5.6 28E-01	07.44	2	-2.625E-03	.30 /E	-		8
28.400	83.500	3.12	5.614E-01	47.54	714	∿.		70	3635	7.638F
200	000.48	1.12	10-3613.4	87.66	٠:	-1.7635-03			3636	-3.430E-UZ
2000	84-100	21.12	9.06 IE-01		= :	1.1.0E-U4	. 3866		30 SE	3.0461-03
2000	84.200	1.7	10-3789.4	44.51	5	2.40E-03	3366		10 3046 01	1
200	84.500	1.12	10-31 to 5	****	100		20 30		3646	1001
200	004-48	2.12	10-3873°	***	10-10/6-6	-9.470E-04	. 36 /2		300	-2.8/11-02
200	0000	2.1.1	10-36630	76.04	100	1.0235-03	2000			30-1631-05
001.66	84.600	1.12	5.c. ZE-01	84.54		-4.218E-04	.3636	. 359E	1.3646 01	-1.286F-02
007	84.700	1.17	71 1	44.65	4.4 76E-01	1.75/E-04	. 3 file	3616	304E	5.355E-03
005-66	008-48	1.17	10-1703.6	80.55	4705-	-1.8491-03	. 3701	1. : :	36 46	-5.636F-02
400	84.900	21.2	4		1	-2.093E-03	.388E	3636	900	-6.380F-0
25.500	85.000	27.1	36		1	-2.084E-03	18E		1.363E 01	.351E-
205	85.100	27.6	35		-410E-	-7.355E-04	.416E		1.363E 01	-2.242E-02
001.66	85.200	27.0	9.6 17E c01		4.473E-C1	. 59	. 371E	_	1.3636 01	
600	85.300	26.5	H	05. 44	4.4738-01	-6.699E-05	4.350F C2	1. 365E 03	1.363E 01	-2.042E-0
000										

EXPERIMENTAL CATA

VATIABLE LENGTH CABLE SYSTEMS DYNAMICS

ACOK 1	NON	csct.	TENSTON	I ENGTH V	VEL-3C-17V	ACCEL.	TENSICN	LENGTE	VELOCITY	ACCEL.
SEC	3 2 5	950	LAS	1.1	FT/SEC	FT/SEC/SEC	CRAP	5	CMISEC	CM/SEC/SEC
000.001	85.500	2.1.6	9.7226-01	65.44	417	1.24 (E-03	4146	0	1.365F 01	3.7985-0
001.001	65.400	21.12		10.55	4.475 5-01	3.8554-04	3134	u	1.36 4E 01	1.175E-02
007.001	85.700	1.13	S.6565-C1	45.06	4.4768-61	1.873E-04		1.373€ 03	364E	5.709E-03
100.300	65.600	23.1	5.6015-01	45.12	-	-2.25 8E-03	355E	S	34 4E	-7.003E-UZ
100.400	85.900	27.1	5.4286-01	45.16	414	-1.395E-03	170	0	364E	-4.25 IE-02
005.00	000.98	27.1		45.21	4	-1.555E-03		0		L
309.301	86.100	27.1	5.7C7E-01	45.25	4.4716-01	-1.107E-03		0		-3.375E-
100.100	86.500	27.1		45.30	4.	2.2546-03		0	1.363E 01	6.870E-02
008.00	86.300	27.1	9.6326-01	45.34	474.	1.449E-04		0		4.417E-
305.301	86.400	27.6	C. € 30E - C1	45.39	4.4736-01	1.750E-03		0		5.334E-02
000.101	86.500	27.1	5.6e1E-01	45.44	4.476E-01	2.097E-03		0		6.390E-02
301.10	86.400	77.1		45.47	4.477E-01	-2.653E-04		0		-8.209E-03
101.200	86.700	27.1	5.641E-01	45.51	-	-1.075E-03	4.373E 02	0	1.364E 01	-3.275E-02
101.300	86.800	27.1	9.574E-01	45.57	4.475E-C1	-2.75CE-03	-	0	364E	-8.503E-
101.400	86.500	27.6	9.516F-01	45.60	1	-1.817E-03		0	1.363E 01	-5.538E-
101.500	87.000	27.6	5.5E7E-01	45.65	-472E-	-1.308E-03		0		-3.986E-02
303.101	87.100	27.1	9.8596-01	45.69	4.470E-01	-4.628E-04		0	36 3E	-1.41 IE-
101.100	87.200	27.1	9.842E-01	45.73	4.472E-01	2.517E-03		o		7.672E-
008.101	87.300	1.73	5.566E-01	45.79	4.474E-01	-1.200E-03		0	36 4E	-3.655E-
006-101	87.400	27.1	9.4016-01	48.84	4-4738-01	-1.032E-03		0		-3.146F-
102.000	87.500	27.1	5.5356-01	45.50	.474	1.2326-03		0	364E	3.755E-02
105.100	87.600	27.1	5.741E-01	45.55	2	6.467E-04	-	1.400E 03	3648	1.971E-
102.200	87.700	1.7.	5.757E-01	45.99	.476	3.56 EE-04		0	364E	1.0886-
05.300	87.800	21.1	\$ 543E-01	40.04	4.476E-01	-1.587E-03	-	0		-6.055E-
105.400	87.900	27.2	9.498E-01	46.67	4.474E-01	-2.50 EE-03	4. JCBE 02	0		-7.645F-
05.500	88.000	27.1	6.5886-01	46.12	4.4716-01	-1.8195-03		u		-5.544E-(
105.600	88.100	1.13	5.7465-01	46.18	4.471E-01	5.257E-04	.422€	0		1.602E-
002 . 20	88 .2 30	27.1	9.7445-01	46.19	4.474E-01	3.807E-03	. 420E	0		10-3091-1
105.800	88.300	27.1	5. £38E-01	46.54	4.475 8-01	-4.703E-04	_	0	349	-1.434E-
006.201	88.400	27.1	9.5536-01	46.30	7	-5.852E-04		0		-1.784F
03.000	88.500	21.6	10-3409°5	46.33	4.473F-01	1.1286-04		0		3.43 PE-
03.100	88.600	27.6	5.717E-01	46.37	413	1.702E-04		1.412E C3	1.3636 01	5.188E-
103.200	88.700	27.1	10-31416-01	46.41	12	2.359E-04	418E	0		7.313
103.300	88.800	27.6	9.653r -01	40.44		-1.345E-03		0		-4.098E-02
103.400	88.00	27.6	5.6 CZE-01	46.50	4.473E-01	-2.09 7E-03		1.417E 03	363E	•
103.500	89.000	27.1	6 .6725-01	46.55		-1.8146-03		0		-5.530E-02
103.600	85.100	21.6	5.760E-01	46.63	-	-2.461E-05	4.427E G2	S		-7.501E-04
103.700	89.200	27.1	5.7C4E-01	46.67	4.475E-C1	3.0336-03	\$C16	0		9.245E-
103.800	89.300	27.1	10-3155.5	46.71	15	-5.037E-04	3516	1.424E 03		-2.755E-02
03.900	89.400	27.1	5. 53E-01	46.76	2	-6.036€-04		0	364E	-1.840E-
000.40	89.500	27.1	5.636E-01	46.80	4.475E-01	8.682E-04	3716	0	364E	2.646F-
04.10C	009-58	27.6	9.7475-01	46.84	4.475F-01	8-682E-05	.421E	0		2.646F
104.200	84.700	27.1	\$. 723E-01	05.94	-	-3.637E-04		0	1.364E 01	-1.108E
104.300	85.500	27.1	9.6365-01	15.94	14		.371	1.430E 03		-7.343E-02
104.400	86.500	27.1	5 5 825-01	30 77		-3 1445-02		•	,	4 7 7 7
		1017	10 7696	200	10-1716.4	-2.146E-U3	.,	0	1.363E 01	-6.542F

EXPERIMENTAL DATA

TABLE LENGTH CAPLE SYSTEMS DYNAMICS

				ENGL	ENGLISH UNITS			METRIC	ے	
TIME	116	ANCIE	MOTENSION	רביאפות	ALL CLU	ACLEL.	LENSICA	LENGIL	VELUCITY	ACCEL.
	SFC	DEG	LPS	FT	FT/SEC	FT/SEC/SEC	GRAP	3	CP/SEC	CM/SEC/SEC
	001.0	27.6		47.06	4-4695-01	-2.646F-04	4.469F G2	1.4346 03		-8-041F-0
	002.3	27.1	5.721F-01	47.09	10-3715.5	3.4.) BE-03	353	1.4256 03	1.363E 01	1.039E-01
	96.300	27.6		47.13	4.4725-01	-1.200E-03	4.382E 02			-3.657E-02
	20.400	27.6	5.6215-01	47.16	4.4716-01	-4. 76 5F-04		1.4386 03		-1.452E-0
	005-3	27.1	5.6425-01	47.24	4.4765-01	1.8206-03				5.549E-0
	009.0	27.1		47.26	4.4768-01	4. 5£ 7E-04				1.398E-0
	26.700	27.1		47.33	4.476 8-01	-3.726E-04				-1.136E-0
	003.0	11.12		41.36	4.4756-01	-1.842E-03		3555	.364E	-5.613E-0
105.400 90	005.06	27.1		47.41	346	-1.865E-03				-5.684F-0
	1.600	21.1	5.562F-01	47.46	4.4736-01	-1.6586-03		w	1.363E 01	-5.176E-0
	1.100	27.5	5.658E-01	47.52		-7.267E-04		3845		-2.215F-0
6 302.40	002-16	27.1	w	47.55	4-4735-01	3.24 EE-03				9.899E-0
	91.300	21.2	5.689E-01	47.60	4.475 6-01	-2.461E-04			. 36 4E	-7.501E-0
	005-16	27.1	9.590E-01	41.64	4.4738-01	-4.751E-04				-1.448E-0
4	21.500	27.1	5.553E-01	47.69	4.474E-01	4.204E-04			.364E	1.281E-0
	21.600	27.1	9.701E-01	47.74	4.4748-01	6.795E-04				2.071E-0
	001-16	27.0	9.7485-01	47.17	4.474E-C1	-7.CC7E-04				-2.136E-0
1	008-16	27.6	5.692E-01	47.81	4.472 8-01	-2.136E-03		3155		-6.509E-0
No	91.900	27.6	5.645=-01	47.85	4.4716-01	-2.708E-03		1.458 03		-8.253E-0
	95.000	27.0	9.6437-01	47.90	4.4716-01	-1.891E-03				-5.763E-0
106.600 9	92.100	27.1	5.674E-01	45.14	4.4705-01	-6.856E-04				-2.09CE-0
	2.200	27.1	9.6555-01	47.99	4.471E-01	3.856E-03		1.463E 03		1.175E-0
	2.300	27.1	5.657E-01	48.05	4.4738-01	-6.545E-04				-2.117E-0
	2.400	27.1	9.6485-01	48.10	4.4736-01	2.584E-04				7.876E-0
	5.500	27.2	9.6165-01	48.14	4.475E-01	1.062E-03				3.238E-0
	25.600	27.1	5.632F-01	48.18	ш	1.054E-03				3.213E-0
	2.700	27.1	5.6843-01	48.25	4.476E-C1	-5.694E-04				-1.736F-0
	92.800	1.72	9.6645-01	43.27	4.475 5-01	-2.371E-03				-7.226F-0
	5.500	27.1		48.31	4.4736-01	-2.203E-03	.374E			-6.715F-0
	93.000	27.1	C. £275-01	48.35	4.471E-C1	-1.130E-03	.367E	_	36 3€	-3.44FD
6 209 201	3.100	27.1	5.648F-01	48.38	4.4695-01	-7.564E-04	.376E		1.362E 01	-2.427E-0
	23.200	23.1		48.43	4.473E-01	3.774E-03	. 387€			1.15CE-0
4	93.300	27.6	9.697E-01	48.41	4.473E-C1	-7.581E-04		477E	1.3636 01	-2.311E-0
	23.400	27.0		48.51	4-4726-01	-2.175E-04	. 384€			-8.459E-0
	3.500	27.1		48.55	4.4736-01	7.6435-04	.378E			2.329E-0
108.100 5	63.600	27.0	9.670E-01	48.60	4.4746-01	-8.818E-04	. 386E			-2.688F0
	3.700	27.1		46.65	4.4736-01	-2.272E-03	.377E			-6. 924E-0
	93.600	27.1	4	48.10	4.472E-01	-1.637E-03			163E	-4.988F-0
		27.1	6.6935-01	48.75	4.470E-01	-1.276E-03	357E		363E	-3.886E-0
106.500 54	4.000	27.2	5.7225-01	48.81	4.471E-01	-1.159E-03	* 10E		16 3E	-3.534E-0
000	94.100	27.1	9.739=-01	48.65	4.470E-01	-6.433E-04	.417E		362E	-1.961E-0
1	24.200	27.1	5.7385-01	48.89	4.472F-01	3.9366-03			3636	1.200E-0
900	94.300	27.5	.761	48.54	iii	-1.112E-03	.437€			-3.38 E-0
6 006	005- 46	27.1	5.P74=-01	48.58		2-352E-04				7.168E-03
	24.500	27.1	10-2616-6	49.03	474E.	1.24 EE-03		454E	36 4E	3.798E-0

EXPERIMENTAL DATA

TABLE LENGTH CARLE SYSTEMS DYNAPICS

RCDK	RUM	OSCL.	TENSTON	LENGTH V	VELOCITY	ACCEL.	TENSICN	LENGTE	VELOCITY	ACCEL.
SEC	SFC	PACLE	LBS	E 1.	FT/SEC	FT/SEC/SEC	GREP	ð	C#/SEC	CM/SEC/SEC
109,200	84.700	27.1	5.9306-01	63.54	.476	-7.123E-04	4.455F G2	1.45 CE 03	3645	-2-171E
109.300	54.800	27.6	5.779E-01	46.14	4.473E-01	-2.907E-03	4366	335		-8.655E-02
109 ** 00	66.03	27.5	5.772E-C1	49.18		-2.8CIE-03	32€4.			-8.535E
105.501	55.000	27.6	9.786F-01	46.19	4.4716-01	-1.106E-03		466E	1.3636 01	-3.371E-02
105.500	95.100	27.1		49.23	3695	-3.350E-04		3005		-1.02 IE-
135.700	65.200	5.92	9.7176-01	49.29	4.4735-01	3.721E-03				1.134E
105.300	65.300	27.6		49.32	4.474 E-01	-7.971E-04		3503		-2.429E
109.900	85.400	27.1	5.63 IE-01	49.36	4.4736-01	-6.768E-05		360S		-2.063E-
110.000	95.500	27.1		49.43	4.475E-01	6.474E-04		3C25		1.973E-
110.160	25.400	27.1		14.54	4-475 8-01	3.110E-04				5.48CE-
110.200	65.700	27.1		46.53	4.4755-01	-5.587E-04			1.364E 01	-3.044E-
110.300	95.800	27.1	5.631E-01	49.58	4-4745-01	-2.C71E-03	399€	\$1 1E		-6.313E
110.400	25.900	27.1	10-58999.5	49.63	4.473E-01	-1.792E-03		£13E		- 5.463E-
110.500	26.000	27.0	65	49.61	4.471E-C1	-5.194E-04	.380E	_		-2.802F
110.666	\$6.100	27.:	21	49.72	4.470E-01	-8-169E-04		\$15E		-2.490E
110. 700	\$6.200	27.1	5.5675-01	49.15	4.4716-01	3.4416-03		FIEE		1.049E-
110.800	96.300	27.6	9.579E-01	64.19	4.472E-C1	-9.058E-04				-2.761E
110.500	26.400	27.1	5.600E-01	49.65	4.472 E-01	1.0396-03				3.167E
111.000	96.500	27.6	9.625E-01	83.64	4.474E-C1	5.722E-04				1.744E-
111.100	96.600	27.0	9.622F-01	49.92	4.474E-01	-6.378E-04				-1.944E
111.200	26.700	21.6	S. £116-01	45.55	4.4738-01	-2.383E-03		1.522E 03		-7.263E-
111.300	96.800	27.1	5.576E-01	20.00	4.471E-G1	-1.019E-03				-3.105F
111.400	005.95	27.1	5.566F-01	50.05	4.472E-01	-1.384E-03			1.363E 01	-4.219F
111.500	67.000	27.1	5.592E-01	20.10	4.471E-01	-6.043E-04				-1.842F
111.600	67.100	27.1	5.602E-01	20.16	4.470F-C1	5.C79E-04				1.548F
111. 700	81.200	27.1	9.572E-01	20.20	4.473 E-01	3-106E-03				9.468F
111.800	67.300	27.1	5.545E-01	50.24	4.4745-01	-2.470E-03		1.5316 03	1.364E 01	-7.528E
111.900	97.400	27.1	9.547E-01	50.29	4.472E-01	-1.784E-04			.363E	-5.438E-
112.000	61.500	27.6	. 55	50.35	4.473E-01	1.400E-03			1.363E 01	4.267E-
112.100	67.600	27.6	5.623E-01	£0.38	4.473E-C1	1.125E-03		366	.363€	3.42EE-
117.200	97.700	27.1	2.5995-01	50.45	4.476E-C1	-3.65CE-04		\$36E	1.3646 01	-1.1136-
112.300	67.800	27.1	5.540E-01	20.47	4.474E-01	-1.884E-03			. 364E	-5.742F
112.400	67.500	27.0	9.507E-01	15.05	4.472E-C1	-2.404E-03		€39€		-7.326F
112.500	\$8.000	27.6	5.558E-01	20.57	4.4716-01	-4-819E-04		14 1E	1.363€ 01	-1.4696-
112.600	58.100	27.1	5.649E-01	50.61	4.4698-01	-7.766E-04		36 75		-2.367F
117.700	69.200	27.0	5.640F-01	20.64	4.472E-C1	3.751E-03		543E	.363€	1.143
112.400	68.300	27.0	. 53	69.05	4.472E-01	-1.4706-03		3456	36 3E	-4.480E
112.900	28.400	27.1	. 50	50.13	4.472E-01	-5.093E-04			1.363E 01	-1.552E
113.000	68.500	27.0	.55	84.09	4.472E-01	-3.397E-04		348E	36 3€	-1.036E-
113.100	68.600	27.1	.63	50.83	13	4.402E-04			16.3E	1.342F
113.200	98.700	27.0	.63	50.88	413	-7.595E-04	36			-2.315F
113.300	\$8.800	27.1	.55	50.63	4.472E-01				163E	-6.478E
113.400	89.900	27.1	.50	20.61	4.471E-01	-2.3176-03			1.363E 01	-7.063E
113.500	000.66	27.1	.53	51.03	4.470E-C1	2-399E-04			163E	7.313
113.600	65.100	27.1	6.598 01	10.15	4.470 6-01	-1.203E-04	4.353E 02	1.557E C3	16.2E	-3.667E-03

EXPERIMENTAL DATA

VARIABLE LENGTH CAPLE SYSTEMS DYNAMICS

1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	NO.	USCL.	TENSION	LENGTH	VEL JC 11V	ACCEL.	TENSICK	LENGTH	VELOCITY	ACCEL.
SEC	StC	neg neg	LPS	F.T.	FT/SEC	FT/SEC/SEC	GRAP	ŧ	CM/SEC	CM/SEC/SEC
.800	002.05	27.1		51.15	4.4745-01	-1.053E-03	466	1.555E 03	1.3646 01	-3.205E-02
113.900	004.55	27.1	5.538F-01	61.19	4.472E-01	7.506E-04	.326€	3995	1.363E 01	2.288E-02
114.000	005.56	27.5	9.138E-01	51.22	4.473E-C1		.326£	561E 0		L
201.	007.55	21.6	5.624E-01	51.28	2	;		1.563E C3		975E
14.200	001.55	27.6	5.7605-01	51.35	4.328t-01	-1.605E-01	.427E	0	.219€	192E
114.300	69.800	27.0		51.41				0	-257€	3191·
114.400	005.55	27.6		51.46	3.882 5-01	2	3'L'S	1. 568E 03	.183E	164E
0	000.001	27.1		51.50	3.645E-01	-2.412E-01		570E 0	.1116	352E
	001.00	27.1	1	51.55	3.4116-01	-		571E 0	3040°	
	100.200	27.6	1	.6	-	.38	36	573E C	. EE 1E	254E
_	100.300	27.1	5.851E-01	51.66	2.5556-01	-2.272E-01		575E	-005E	924E
	100.400	27.1	1	51.71	2.738E-01	-2.307E-01	u.	576E		133E
-	100.500	21.2				2	347€.	577E	.654E	1136
	007.00	27.0	9.6865-01	51.78	2.2785-01	-2.33 EE-01	4.393E 02	3878	344E	26E
	002.00	27.1	1	•			396	351 S		# BE
	003.00	27.1		51.83		•	386	SBCE	55E	94 BE
	006-00	27.1	9.8135-01	51.87		~	316	581E		982E
	101.000	27.1	748F-			2		3135	15E	3966
	101.100	27.1	-12151.		1.140F-01	2.3	360			911C
	01.200	27.0	9.783E-01				376		2.787E 00	
115.800 1	101.300	27.6	5.E45E-01	51.53	0-3	-2.368E-01	4.466E 02	1.583E 03	2.CS4E 00	217E
	101.400	27.1	5.852E-01		4.602E-02	-2.258E-01				
	0.0	27.6	9.7875-01		0-3444·	2.0		S & SE	1.450E-01	3851
	0.0	27.6			8-166E-03	-1.338E-01	32	3285		-4.08CE OC
	0.0	27.0	1	•	-1.325E-03	-5.42 CE-02	3	03	-4.038E-02	
	0.0	27.6	1		-3.856 E-03	•	w	5 6 2 E 03	-1.175E-01	-2.536F-01
	0.0	27.1	5.1455-01	51.50	-3.601E-03	7.853E-03	-	03	-1.097E-01	2.394E-01
	0.0	27.1	1		-2.524E-03		w	582E 03	-7.692E-02	622E-
	0.0	27.1	1	21.90	-1.867E-03	4.674E-03	4.391E C2	£62E C3	-5.692E-02	
	0.0	27.1		51.88	-1.4855-03			581E 03	-4.527E-02	
116.800	0.0	27.1	5.646F-01	51.48	-1.558E-03	-		581E 03	-4-749E-02	-3.667E-02
006.	0.0	27.6	1	51.88	-1.6496-03	-1.4856-03	3			-4.528E-02
117.000	0.0	27.0	-726F-	84.15	-1.665E-03	-	12E	SELE	-5.074E-02	-4.438F-02
201.	0.0	27.1	T	51.87	*	-1.038E-03				-3.165F-02
17.200	0.0	27.6	1	51.86	-1.633E-03	-8.805E-04		\$ 1 E	-4.978E-02	-2.684E-02
.30€	0.0	27.6	9.6625-01	51.86	-1-797F-03	-8.853E-04		3185	-5.476E-02	-2.698F-02
117.400	0.0	27.6	1	51.86	0-376a	-9.721E-04	35 76	EIE		-2.963E-02
.500	0.0	27.6	- 7C BE-	53.15	-1.846E-03	-1.040E-03		3085		-3.16SE-0
117.600	0.0	27.0	-31	51.84	770	-1.001E-03	=	SEGE	.396	-3.050E-02
201.	0.0	27.6	-683E-	51.85	-1.818 E-03		36	FRCE		-3.155F-02
.800	0.0	27.1	5.660E-01	-	-	-1.012E-03	3	580E	.781	-3.086F-02
306 €	0.0	27.1	1	51.85	672			FECE	8 5	-3.030E-02
0000	0.0	27.1	-695E-	1.	1.722	.25	3976	5816	.250	-2.515E-0
118.100	0.0	27.1		51.87	732	-6.504F-04		5816	5.278	-
200	0.0	11.1	- 7774	-	1.645		1800	4816	2.0.2	3.3716

EXPERIMENTAL DATA

VAPTABLE LENGTH CABLE SYSTEMS DYNAMICS

				TOVE	- EVELIST UNITS -			PETRIC LNITS	LNI15	
~ 4	RUN	CSCL.	TENSION	LENGTH	VEL 00 1 1 V	ACCEL.	TENSICK	LENGTH	VELOCITY	ACC EL.
300	SEC	930	1.85	F 1	FT/SFC	FT/SEC/SEC	CRAP	à	CM/SEC	CM/SEC/SEC
30	3.0	27.1	9.1635-01	51.88	-1.6555-63	-6.817E-04	4.382E 02	1.5816 03	-5-167E-02	-2.096E-02
31.	0.0	27.6	5.6 295 -01	51.89	-1.8435-73	-8.646E-04	4.355E C2	1.581E 02	-5.6CSE-02	-2.696E-02
200	0.0	1.75	13-3633.	51.67	-1.778E-C3	-7.766E-04	4.355E 02	1.5818 03	-5.4208-02	-2.367E-02
200	0.0	27.:	10-5519-5	51.87	-1.722E-03	-7.008E-04	4.350E 02	1.581E 03	-5.2488-02	-2.154E-02
100	3.6	27.6	10-3147°5	51.67	-1.857E-03	-8-196E-04	4.391E 02	1.581E 03	-5.661E-02	-2.498E-02
000	9.0	27.0	10-3819.6	51.87	-1.799F-03	-7.219E-04	4.390E 02	1.581E 03	-5.483E-02	-2.200E-02
200	0.0	27.6	5.639F-01	51.87	-1.792 E-03	-7.376E-04	4.355E C2	1.581E C3	-5.461E-02	-2.248E-02
001	3.0	27.6	16-2939.5	51.66	-1.8436-03	-7.472E-04		1.581E 03	-5.618E-02	-2.277E-02
307	3.0	27.6	9.69JF-01	51.85	-1.555E-C3	-8.5285-04	4.355E 02	1.580E G3	-6.091E-02	-2.721E-02
119.100	3.5	27.6	10-3539 5	51.85	-1.862E-03	-8.422E-04	4.355E C2	1.5ECE 03	-5.477E-02	-2.567E-02
00+	0.0	27.6	5.69CF-01	51.65	-1.687E-03	-1.0536-03	4.395E 02	1.5801 03	-5.143E-02	-3.211F-02
200	0.0	27.1	5.678F-01	51.86	-1.767E-03	-8.56 SE-04	4. 35CE 02	1.581E 03	-5.387E-02	-2.61 IE-02
000	0.0	23.1	10-3059.5	51.87	-1.8495-03	-7.875E-04	4.395E 02	1.581E C2	-5.635E-02	-2.4CCE-02
00/	0.0	1.72	9.682E-01	51.87	-1.6256-03	-6.4176-04	4.392E 02	1.581E C3	-4.952E-02	-2.584E-02
306	0.0	27.1	10-3819.5	51.87	-1.565E-03	-6.3036-04	4.350E 02	1.5E1E G3	-4.771E-02	-1.92 IE-02
006	3.0	27.6	5.678F-C1	51.88	-1.730E-03	-6-774E-04	4.390E 02	1.5F1F C2	-5-274F-02	-2.065F-02

EXPERIMENTAL CATA

VARTABLE LENGTH CABLE SYSTEMS DYNAMICS

74 74 116 6000 1.140E-01	ACCEL.	CM/SEC/SEC	-F.057E-02	-4.944E-02		-5.576F-02	-4-8766-02	-4.40E-02	-4.959E-02	-5.003E-02	-4-144F-02	-4.438E-02	-4.290E-02	-4.434E-02	- 3. 886E- 02	-3.1465-02	-4.584E-02	-4.711F-02	-4.409E-02	-4.724E-02	-4-463E-02	-4-2346-02	-4.594F-02	-4.380E-02	-4.269E-02	-4.586E-02	-4-378E-02	-4.586E-02	-3.782E-02	-3. 763E-02	-4-505E-02
CAIA PARAMETERS 10 = 74 NREC = 16 NCFN = 6000 NNFC = 6000 KW = 1-14 KA = 1-12	VELCCITY	CM/SEC	-1.0076-01	-1.021E-01	-1.001E-01	10-17-014	-9.0516-02	-9.446E-02	-9.344E-02	-9.001E-02	-9-306F-02	-9.491E-02	-9.177E-02	-9.236E-02	-8.548E-02	-9-1001-02	-9.205E-02	-9.200E-02	-9.438E-02	-8.933E-02	-9-113E-02	-9-225F-02	-9.032E-02	-8.854E-02	-9.113E-02	-8.678E-02	-9.073E-02	-8.663E-02	-8.903E-02	-8.700E-02	-9-130F-02
	LENGTH	•	1.7926 63	1.7526 03	1.7516 03	1.7506 03		_	_	1.74EE 03	1.7486 03				1.745E C3	1. 1456 03				1.7486 03	1.7495 03				1.745E 03		1.7466 03	1.745E 03	1.7456 03	1.1498 03	1.745E 03
2	TENSICA	CREP				4-4526 02					4.43ft 02				4.436E 02	4-437E C2					4.4376 02								20 345 4.4		4.432E 02
CSCILLATCR PAFAMETERS ADDE STORE INCT FREGLENCY, FZ	ACC EL.	F1/SEC/SEC	-1.659E-03	-1.622E-03	-1.552E-03	-1-6045-03	-1.600E-03	-1.4576-03	-1.62 7E-03	-1.64 IE-03	-1-360E-03	-1.456F-03	-1.408E-03	-1.455E-03	-1.275E-03	-1.3675-03	-1.5046-03	-1.54 EE-03	-1.446E-03	-1.550E-03	-1.524F-03	-1.389E-03	-	-1.437E-03	-1.401E-03	-	-			-	-1.4796-03
REEL-IN C.25 0.50 0.25 116.00 55.00 12.20	EAGLISH UNITS	FT/SEC	-3.305E-03	-3.351E-03	-3.284E-03	-3-288E-03	-3.245E-03	-3.C99E-03	-3.C66E-03	-2.979 E-03	-3.053E-03	-3.114F-03	-3.011E-03	-3.030E-03	-2.936 E-03	-2.493F-03	-3. C21F-03	-3.C18E-C3	-3.096 E-03	-2.531E-03	-3.009 E-03	-3.C27E-03	-2.5636-03	-2.905E-03	-2.990E-C3	-2.847E-03	-2.577E-03	-2.642E-03	NI	2 0105-03	-2.995 E-03
7 F F S S S S S S S S S S S S S S S S S	- ENGLI	11	57.50	57.47	57.44	67.40	57.34	57.35	57.36	57.36	57.36	57.37	51.35	57.37	57.39	57.38	57.37	57.36	57.36	57.35	57.36	57.25	57.36	57.36	57.37	57.37	57.36	57.38	57.39	57 30	87.18
FATERIAL FRATILIN: F FRATILIN: F FRATICH: F FRATICH: F FRET SEC. AL LENGTH: F LENGTH: F	IFNSICN	185	5.8125-01	9.818E-01	9.825E-01	5.915F-01	5.757E-01	10-5131.5	9.756E-01	-	9.7786-01		•		9.761E-01	9.787F-01	5.789E-01	9.777E-01	10-3684-5	10-385-01 0 7855-01	5. 7875-01	9.7£7F-01	9.78501	5.7ETE-01	9.7785-01	9.78 jE-01	5.78.2E-01	9.7825-01	- ;		
A SECOND	.1361.	316	26.6	26.6	3.6.6	26.5	26.6	26.6	56.€	26.6	20.1	26.1	26.1	26.1	26.1	26.7	26.1	26.€	56.€	26.6	26.1	26.6	26.8	26.1	26.1	26.1	26.1	26.1	26.1	3 7 6	26.1
	5	SEC	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	200	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
TEST NC.	FC04	SEC	6.0	0.100	0.200	00.400	0.500	0.400	0.700	0.800	1.000	1.100	1.200	1.300	200	1.600	1.700	1.800	1.900	2 100	2.200	2.300	2.400	2.500	2.600	2.700	208.2	2.900	3.000	3.100	3.300

EXPERIMENTAL CATA

VARIABLE LENGTH CARLE SYSTEMS DYNAMICS

		OSCI	TENSTON	LENGTH	LENGTH VELCCITY	ACCEL.	TENS ICN	LENGTH VELO	VELOCITY	ACCFIL
4C 28	KLY									
TIME	TINE	PACLE								
SEC	2 FC	Dec	185	L 5	FT/SFC	F1/SEC/SEC	GRAP	t.	CP/SEC	CW/SEC/SEC
3.+60	0.0	24.1	.15	57.38	-2.852E-C3	-1.356E-03	4.436E 02	1.749E 03	-8.693E-02	-4-132F-02
1.500	3.6	24.1	78	57.36	-2.940F-03	-1.312E-03	4.436E 02	1.74EE 03		-4.000E-02
339.1	3.0	26.6	1.	57.36	-2.943E-C3	-1.5498-03	4.443E 02		-8.571E-02	-4.721E-02
.730	0.0	26.6	.73	51.35	-2.803E-C3	-1.54 EE-03			-8.545E-02	-4.713E-02
1. ACC	0.0	20.6	11	57.36	-2.513E-03	-1.309E-03		1.7466 03	-8.678E-02	-3.990E-02
006.	0.0	₹97	5.786E-01	57.37	-2.845E-03	-1.583E-03	4.439E 02		-8.672E-02	-4.817E-02
0000	0.0	26.1	.11	57.36	-2.778E-03	-1.345E-03			-8.468E-02	-4.098E-02
001.	0.0	26.8	5.115:-01	57.38	-2.799E-03	-		1.145E C2	-8.530E-02	-4.373E-02
.200	0.0	24.1	5.115E-01	57.38	-2.137E-03	-		1.7496 03	-8.341E-02	-3.946E-02
.300	0.0	36.8	5.78UE-01	. 57.37	-2.462E-03	-1.375E-03		1.745E 03	-8.114E-02	-4.192E-02
004.	0.0	26.1	.17	57.37	-2.722E-03	-1.341E-03		1.745E 03	-8.257E-02	-4.086E-02
206.	0.0	26.1	-777E-	67.38	-2.558E-C3	-1.205F-03		1.7496 03	-7.758F-02	-3.6735-02
335.	0.0	₹0.5	.7.70	57.41	-2.5285-03	-1.237E-03	w		-7-705E-02	-3.769E-02
. 700	3.0	26.1	174	57.40	-2.558E-03	-1.3225-03			-7.756F-02	-4.030F-02
006.	0.0	8.92	119	57.40	-2.616E-03	-1.289E-03	w		-7.974E-02	-3.928E-02
935.	0.0	26.1	781	57.40	-2.744E-03	-1.319E-03			-8.364E-02	-4.021E-02
000.	0.0	26.6	5.7875-01	57.37	-2.615E-03	-1.231E-03	4.439E 02		-7.970E-02	-3.753E-02
001.	0.0	26.1	787	57.37	-2.773E-03	-1.352E-03			-8-451E-02	-4-1216-02
.200	0.0	26.6	150	57.37	-2.763E-03	-1.356E-03			-8.422E-02	-4.132F-02
.300	3.0	26.7	.764	51.35	-2.686E-03	-1.336E-03			-8-188E-02	-4.073E-02
304.	0.0	24.1	.781	57.38	-2.602E-03	-1.363E-03	-		-7.930E-02	-4.155E-02
.500	0.0	26.1	.174	57.38	-2.661E-03	-1.423E-03			-8-112E-02	-4.338E-02
909.	0.0	26.8	.76	57.37	-2.638F-C3	-1.42 7E-03	4.429E 02	63	-8.040E-02	-4.348E-02
. 700	0.0	26.1	.781	57.39	-2.581E-03	-1.301E-03		03	-7.868E-02	-3.965E-02
.300	0.0	36.6	.172	57.39	-2.531E-03	-1.32 0E-03		03	-7.715E-02	-4.023E-02
006.	0.0	26.7	9.7715-01	57.38	-2.475E-03	-1.224E-03		03	-7.544E-02	-3.730F-02
0000	0.0	26.1	. 76	57.40	-2.546E-03	-1.4468-03		03	-7.76CE-02	-4.407E-02
.100	0.0	26.7	.17	57.39	-2.481E-C3	-1.201E-03		1.749E 03	-7.563E-02	-3.842E-02
.200	0.0	3.55	.763	14.16	-2.469E-03	-1.152E-03			-7.525E-02	-3.632E-02
.300	0.0	26.1	÷ .	57.41	-2.5358-03	-1.1946-03	_		-7.726E-02	-3.640E-02
004.	0.0	26.8	.767	27.40	-2.435E-03	-1.164E-03	w		-7.423E-02	-3.548F-02
. 500	0.0	26.7	.777E	57.39	-2.5276-03	-1.150E-03	w		-7.703E-02	-3.505E-02
009.	0.0	26.7	.1735	27.40	-2.524E-03	-1.331E-03			-7.694E-02	-4.057E-02
.700	0.0	26.7	.777E	57.40	-2.613E-C3	-1.320E-03			-7.966E-02	-4.023E-02
. 900	0.0	26.1	.78	57.37	-2.613F-03	-1.472E-03			-7.564E-02	-4.488E-02
006.	0.0	26.7	1	57.37	-2.580E-C3	-1.48 75-03			-7.864E-02	-4.534E-02
2000	0.0	26.7	.76	57.39	-2.520E-03	-1.3C4E-03			-7.682E-02	-3.982E-02
001.	0.0	26.1	.76	57.39	-2.552E-03	-1.386E-03			-7.119E-02	-4.223E-02
.200	0.0	26.8	9.7665-01	82.12	-2.497E-03	-1.41 7E-03			-7.612E-02	-4.319F-02
300	0.0	26.8	.76	57.40	-2.519E-03	-1.1926-03			-7.677E-02	-3.632E-02
004.	0.0	2€.€	. 76	57.40	-2.488E-03	-1.1936-03	4.431E 02		-7.584E-02	-3.636E-02
. 500	0.0	26.€	.777F	57.38	-2.417E-03	-1.194E-03			-7.366E-02	-3.638F-02
399.	0.0	26.8	.76	57.40	-2.526E-03	-1.404E-03		1. 745E 03	-7.701E-02	-4.280E-02
.700	0.0	26.8	5.7665-01	57.41	-2.382E-C3	-1.0836-03	4.430E 02	1.750E 03	-7.262E-02	-3.300E-02
30€.	0.0	3.96	5.756-01	57.43	-7 4446-03	-0 536E-04	4 4366 63	1 36.6		-2 0366-03
				1	v	•	70 30 30	2000	70-1016-1-	2000

EXPERIMENTAL DATA

VAGIABLE LENGTH CAPLE SYSTEMS DYNAMICS

KCOR	1186	AMCLE	LENSION	LENGTH	VELGGIIV	ACCEL.	TENSICA	LENGIF	VELOCITY	ACCEL.
350	SEC	DEC	1.85	11	FT/S &C	FT/SEC/SEC	GRAP	3	CP/SEC	CM/SEC/SEC
000	0.0	26.6	5.7475-01	57.42	-2.417E-03		4-430E 02		-7-366E-02	.213
100	9.0	26.1	5.775-01	19.15	2.433	-1.205E-03	436F	15CE	-7.406F-02	-3.673E-02
200	0.0	26.1	5.770E-01	57.40	-2.449E-03	-1.2346-03	-431E	SCE	-7.462E-02	-3.761E-02
300	0.0	20.1	9.1735-01	57.40	-2.553E-03	-	33E	1.7506 03	-7.756E-02	-4.138E-02
004	0.0	26.1	9.7745-01	57.37	-2.6436-03	-	4 3 3E	4 SE	-8.057E-02	-4.034E-02
500	0.0	26.1		57.37	55	-	435F	SF	-7.7736-02	-4.35 CF-02
209	0.0	3.95	9.7705-01	\$7.40	-2.469F-03	1.	4315	1506	-7.575F-02	-3.884F-02
9.700	0.0	26.1	19-186-61	57.39	2	-1.2546-03	4276		-1.455E-02	-3.8236-02
900	0.0	36.8	5.771E-C1	67.40	-2.405F-03	1.204	132F	750F	-7.112F-02	-3.6716-02
906	0.0	26.€	9.7695-01	57.40	-2.378E-03	-1.241E-03	4216		-1.247E-02	-3.782E-02
2000	0.0	26.6	5.769E-01	57.40	-2.390E-03	-	431E		2	-3.450E-02
100	0.0	26.8	9.7655-01	14.16	-2.400E-03	-1.2945-03	.430E		-7.3156-02	-3.950E-02
200	0.0	3.45	10-2191-5	57.40	-2.383E-03		. 43 1E	1.750E 03	-7.264E-02	-3.611E-02
300	0.0	26.€	9.75EE-01	57.42	-2.281E-C3	1.319	25E		-6.552E-02	-4.021E-02
400	9.0	26.8	9.7593-01	57.43	-2.277E-C3	-			-6-9396-02	-3-138E-02
.500	0.0	3.97	5.751E-01	57.42	-2.386E-03		423E		-1-272E-02	-3.352F-02
009	0.0	26.5	5.761F-01	51.42	-2.3135-03	-1.029E-03	-428F		-7-050F-02	-3.13AF-02
700	0.0	26.8	9.7655-01	57.43	-2.386F-03	-1.181F-03			-1.272 F-02	-3.600 F-02
300	0.0	26.6	5.761F-01	57.41	-2.457E-03	-1.196E-03			-7.485E-02	-3.644E-02
006	0.0	26.1	5.764F-01	57.41	-2.476E-03	-1.146E-03			-7.546E-02	-3.494E-02
0.000	0.0	1.97	9.774E-01	57.38	-2.428E-03	-1.4238-03	4.433E C2	1.745E 03	-7.402E-02	-4.336F-02
100	0.0	3.92	5.766E-01	57.39	-2.457E-03	-1.297E-03			-7.489E-02	-3.955E-02
.200	0.0	26.1	9.7715-01	15.76	-2.379E-C3	-1.265E-03			-7.251E-02	-3.857E-02
300	0.0	₹9.97	5.754E-01	57.40	-2.435E-03	-1.36 2E-03	4.424E 02		-7.4235-02	-4.153E-02
004	0.0	3.92	5.159E-01	57.41	-2.389E-03	-			-7.283E-02	-4.073E-02
200	0.0	26.3	9.771E-01	57.41	-2-3025-03	-1.04 7E-03	4.432E 02		-7.018E-02	-3-192F-02
009	0.0	26.8	5.757E-01	14.15	-2.284E-03	1.246			-6.56CE-02	-3.79EE-02
200	0.0	₹9.92	5 .76 ZE-01	57.40	-2.373E-03	-1.054E-03	38E	306	-7.2346-02	-3.213E-02
800	3.0	24.6	5.759E-01	27.40	-2.255E-03	-1.314E-03	.427E		-6.554E-02	-4.005E-02
006	0.0	26.8	5.76 lt-01	51.45	-2.332E-03		27E	w	-7.1C7E-02	-3.650E-02
000	0.0	26.8	9.7525-01	57.44	-2.213E-03	-1.005E-03	.423E		-6.746E-02	-3.063E-02
701	0.0	3.92	5.755E-01	57.43	-2.240E-03	-1.0726-03			-6.829E-02	-3.267E-02
200	0.0	26.6	5.755E-01	57.43	-2.261E-03	-1.093E-03	425E	30	-6 -890E-02	-3.332E-02
300	0.0	36.8	9.759E-01	57.43	-2.369E-03	-1.0536-03			-7.219E-02	-3.209E-0
004.	0.0	3.37	5.767E-01	57.41	-2.2796-03	-1.1946-03			-6.548E-02	-3.638E-02
200	0.0	36.8	5.764F-01	14.15	-2.417E-03	-1.2+CE-03			-7.368E-02	-3.780E-0
11.600	0.0	26.7	778	27.40	-2.401E-03	-1.388E-03			-7.319E-02	-4.230E-02
200	0.0	26.1	5.786E-01	14.15	-2.8246-03	-2.1416-02			-8.6CBE-02	-6.526E-01
900	0.0	56.9	952	57.46	-1.430E-02	-2.165E-01			-4.358E-01	-6.599E OC
906	0.100	36.0€	1.0166 00	57.55	-4.700 E-G2	-3.940E-01		345	-1.433E 00	-1.201E 01
000	0.200	56.5	1.C18 0C	67.56	-8.559E-02	-3.865E-01		1.7548 03	-2.6CSE 00	-1.178E 01
100	0.300	56.92	1.005 00	57.53	-1.190E-C1	-3.C81E-01		345	-3.627E 00	-9.390E 00
.200	004-0	25.8	5.874E-01	57.53	-1.446 8-01	-2.404E-01		12E	-4.40EE 00	-7.326E 00
.300	0.500	26.8	5.622F-01	95.15	661	-2.140E-01			-5.061E 00	-6.523E OC
004.	0.600	26.8	35-	57.58	-1.8638-01	.011		SEE	-5.679E 00	-6.330E OC
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EXPERIMENTAL DATA

VARIABLE LENGTH CAELE SYSTEMS DYNAMICS

	TENSTON LEN	ENG TH .	VELOCITY	ACCEL.	TENSICN	LENGTH	VELOCITY	ACCEL.
LAS		11	FT/SEC	F1/SEC/SEC	GRAP	t	CP/SEC	CM/SEC/SEC
38		15.	-2.267E-01	-2.123E-01	4.618E 02	1,7556 03	-6.909E 00	
1.0167 30		.53	.471	-2-101E-01	.61 1F	1.754E 03	. 532	-6.586E 00
90		15.15	2.681	-2-1656-01	349€		.171E	
		94.	4.E79	-2.14CE-01	. 522E		•	w
		. 45	3.079	01.7	. 23 ct		. 385E	
		24.75	3.280	-2.1305-01	.5916		.558E	
	15	. 39	.489	-2.142E-01	. £55E		.063E	6.530E
		.31	3.694E	-2.128t-01	.677E		- 126E	
		57.35	3.904	-2.184E-01	•652€		3061°	
		• 30	-4.115E-01	-2.1536-01	. 615E	0	1.254E	
		.27	315	-1.907E-01	.582E	1.7468 03	.314	. 813E
		1.52		-5.86 BE-02	.563E	0		-3.008E 00
		.15	-4.490F-01	-2.45 3E-02		0		-478F
		57.10	-4. 493E-01	5.026E-03			399E.	-532E-
	25	53.	-4.483E-C1	1.112E-02		1.739E 03	1.366E	.390E
	57	57.01	-4.472 E-01	7.213E-03		1.13ff C3	-1.363E 01	2.199E-01
	2	95.99	-4.463E-01			0	309E.	-190F
	56	26.90	-4.462E-01	-1.752E-03		1.734E C3	-1.360E 01	-5.340F-02
	56	56.87	-4.461E-01	-		0	309€ ·	1000
	2	18.95	-4.462E-01	-3.338E-03			.360E	-1.017E-01
.028£ 00	26	56.75	-4.464 E-01	-2.570E-03	.665E	1.13CE (3	ш	
	2	56.72	-4. 466 E-01	-1.5526-03			-361E	-4.732E-02
	2	59.0	-4.465E-01	-5.51 GE-04			.361E	-1.679E-02
	26	29.95	•	-2.862E-03			.361E	-
		56.57		-1.462E-03			.361E	
	26	26.53		-4.38 SE-04			361E	-1-338E-02
		15.95	-4.464 E-01	-1.552E-04	3639.		.361E	
		26.45	-4.465E-01	-6.556E-04			.361E	-1.998E-02
		26.45		-1.316E-03			1.361	-4.011E-02
		56.36		-3.027E-03			. 36 IE	-9.226E-02
		20.32	-4.467E-01	-3.750E-03	3099.		-362E	-1.1436-01
		20.28	•	-5-469E-04	.008		. 30 ZE	-1.067E-02
		20.26	-4.467E-01	:	.671E		301E	1.740F-02
		20.50		•	- 656E		1.361E	
		91.0	-4.468 E-01	-1.753E-03		1.712E 03	1.362	-5.344E-02
	26	26.10	•	•			.362E	1.040E-02
	26	90.99	-4.467E-01				100	2.421E-02
		20.95	-4.468F-01	1.531E-04			. 36 2E	4.667E-03
		55.54	-4.465E-G1	-8.40 BE-04		1.705E 03	-1.361E 01	-2.563E-02
		06.	-4.467E-01	-2.736E-03			362	339E-
		59.5	-4.469E-01	.38	4.579E 02	v	.362E	-
		18.65	-4.469E-01	. 8	4.591E 02	1.7C1E 03	.362€	-1.781E-02
		5.78	-4.468 E-01		98E	0	-1.362E 01	
1.0135 0		5.14			4.5936 02	0	.361E	-1.072E-01
		111						
	65 (71.0	10-104.6-	-1.615E-U3	4.66/1E UZ	1.658E 03	-1.362E 01	-4.924E-02

EXPERIMENTAL DATA

VARIABLE LENGTH CAELE SYSTEMS DYNAMICS

38	RUN	CSCL.	TENSICA	LENGTH	GTE VELCCITY	ACCEL.	TENSICH	LENGTH	VELOCITY	ACCEL.
ME	TIPE	ANCLE								
SEC	SEC	956	1.65	11	cT/SEC	F1/SEC/SEC	GRAP	ð	CP/SEC	CM/SEC/SEC
7.200	2.400	26.5		55.61	-4.465t-01	9.502E-05	4.6158 02	3659°	-1.361E 01	
17.300	5.500	₹6.8		55.59	-4.465F-01	1.6346-04	0	9459	-	4.580E-03
17.400	5.400	26.5		55.55	-4.4635-01	-4.354E-04	•625€	65 2E	309£ .	•
300	5.730	36.8		15.55		-2.7CBE-03	4.627E 02	32E		-8.253E-02
17.666	5.800	5002		55.46	-4.466F-01	-3.533E-03	.622E	. 65 1E	.361E	-1.077E-0
7.706	005.5	3.92		15.64	-4.468E-01	-7.437E-04	38E	1.689E 03	362€	-2.267E-02
17.300	0000.9	26.8		55.36		5.632E-04	36		1.362€	8-022E-0
206	001.0	24.€		55.30	-4.469F-01	-3.326E-03	48E	. 685E	36	
8.000	6.200	26.1		55.24	-4.470E-01	-2.49 SE-03	4.656E 02	3489.	1.3636	-7.605F-0
9.100	6.300	8.97		55.19	-4.471F-01	1.1356-03	395	ш	1.363E	3.455E-02
16.200	007.9	36.8		55.17	-4.469E-01	-1.812E-04	376	3799°	-1.362E 01	-5.522E-0
8.300	003.9	36.8		55.13	-4.466F-01	-2.2356-04			1.3616	-6.813F-0
8.40C	009.9	26.5	u	55.09	-4.467F-01	-1.276E-03	9 1 E	€ 75E	1.3616	-3.888E-0
8.500	6.700	56.5		55.05	-4.468E-01	-1.8896-03		478E	-1.362E 01	-5.759E-0
3.600	2.800	50.97		65.00	-4.469E-01	-2.233E-03		3919	1.362€	-6.807E-02
902	006-9	5.92		24.56	-4.469E-01	2.3246-05		FISE		7.084E-0
18,800	1.000	26.5		15.45	-4.466E-01	8.524E-04		3419	1.3616	2.598E-0
8.900	7.100	20.9		54.89	-4.467E-01	-3.520E-03			-1.362E 01	-1.073E-01
2000-51	7.200	26.8		54.87	-4.468E-01	-2.5376-03	w	3213	362E.	-7.734E-0
9.100	7.300	597		54.81	-4.468E-01	1.1698-03	3169°	9119	3628	3.563E-0
19.200	1.400	27.0	1.029E 00	54.76	4	-7.581E-04	4.669E 02		362	-2.311E-02
000	1.500	56.5		54.12	468E-	5.195E-04		3899°	362E	1.584E-0
00	1.600	26.9		54.67	-4.466F-01	-1.512E-03			1.3616	-4.609E-0
15.500	7.700	26.€		24.62	10-3694.4-	-2.064E-03	.677E	. 66 SE		-6.290E-0
200	7.800	36.8	1.034E OC	****	-4.469E-01	-3.1346-03			.362E	-9.553€0
9.700	1.900	26.8		54.51	-4.4716-01	-4.570E-04		. 662E	1.363E	-1.515F-0
19.600	8.000	24.8		24.47	-4.468 F-01	1.1146-04		.eece	w	3.396€-0
000	8.100	26.€	1.033E 00	54.43	-4.469E-01	-3.451E-03			.362E	-1.052F-01
50.000	8.200	26.€		24.40	-4.470E-01	-2.140E-03		.658E		ò
50.100	8.300	26.1	1.026E 00	54.31	-4.471 E-01	7.8136-04		. 655E	.363E	2.382E-0
20.200	8.400	26.8		54.25	10-3695 · 5-	-3.55E-04	185	654E	.362E	-1.206F-02
306	8.500	3€.8		54.21		1.00 2E-03		32	1.362E	3.0556-0
204	8.600	26.5	1.028 00	24.17		-1.5356-03	4.563E 02		-362E	-4.680E-0
20.500	8.700	26.7		54.15	-4.468E-01	-2.5635-03		"		-7.813F-0
209	8.800	54.5	1.025E 00	54.12	-4.46 9F-01	-2.890E-03	9649e	. 65CE		-8.809F0
001	8.900	26.8	1.024E 0C	64. 66	-4.470F-C1	-1.3746-04	347E	1849°		-4.188E-03
306	0000-6	26.8	1.011E 00	24.02	-4.468F-01	2.878E-04	5 8 B E	3949.	1.362E	8.772F-0
20.906	9.100	36.6	1.0C4E 00		-4.467E-01	-2.992E-03	555E	EACE	-1.361E 01	-9.120E-02
000	9.200	26.6	1.001F 00		-4.469E-01	-1.576E-03	366	.645E	1.362E	-4.805F-0
301	9.300	26.8	2.9915-01	53.90		1.231E-03	3 2E	1. 443E 03	1.362E	3.7535-0
200	6.400	26.€	1.004E 0C	53.87	3	-1-1426-03	52E	.642E	.361	-3.48CF-02
300	9.500	26.5	1.6C7E 0C	53.81	-4.465E-01	3.415E-04	30L	1.640F 03	.361	1.0615-0
00%	8.600	5.97	1.011E 00	53.81	-4.4638-01	-1.020E-03	585E	44CE	.360	-3.109E-0
21.500	9.700	26.5	1.015= 00	\$3.75	-4.462E-C1	-2.329E-03	9500	638E		-7.059E-02
009	9.800	26.9		61.12	44	-2.8736-03		4236	176	-0 757E-0
				71.00	•	20175	3010		10000	

EXPERIMENTAL CATA

VARIABLE LENGTH CABLE SYSTEMS DYNAMICS

RCUR	N I I		TENSI ON	LENGTE	VELOCITY	ACCEL.	IENSICA	LFNGTF	VELCCITY	accer.
SEC	3,50	Dec	LBS	FT	FT/SEC	FT/SEC/SEC	GRAP	à	CMISEC	CM/SEC/SEC
1.800	10.000	36.65	u		-4.4628-01	3.145E-05	4.514E 02	1.635£ 03	-1.360F 01	9.5856-04
1.300	10.130	50.32	1.0147 00		494	-3.467F-03	4.0CCE 02	34E	.361E	-97 E-
0000	10.:00	26.8			-4.466E-01	-1.424E-03	4.5998 02		361E	-4.34(E-02
5.100	13.300	5.97	1.012E 00	53.50	-4.465E-01	3.404E-04	4.5515 02		361E	1.0386-02
2.200	10.400	5.97	w		-4.4636-01	-8.367E-04			-1.360E 01	-2.550E-02
5.300	10.500	56.5	14		-4.463E-01	1.194E-03	4 .6 C6E 02		36CE	3.640F-02
5.400	10.600	5.97	1.019E 00		-4.462F-01	-1-14CE-03			-1.360E 01	-3.4736-02
2.500	10.700	5.92	ш		-4.463E-01	-2.138E-03			360E	-8.347E-02
009.	10.800	5.92	1.C22E 00		-4.465F-01	-3.117E-03	4.6378 02			-9.501E-02
5. 700	10.900	26.8	w		-4.466E-01	5.052E-04				1.5406-02
2.80€	11.000	26.5	u.		-4.465 E-01	3.671E-04		62 1E	-1.36 IE 01	1.1196-02
2.900	11.100	26.7	1.0246 00		-4.465E-01	-2.06 (E-03			3198	-9.345F-02
3.000	11.200	26.5	w		10-3995-5-	-1.006E-03				3.065E-
3.100	11.300	5.92	u:		-4.465E-01	-1.265E-04	4.6548 02	1.617E C3		-3.855E-03
3.200	11.400	5.92	ш	10.65	-4.465E-01	-1.555E-03			-1.361E 01	-4.740E-02
3.300	11.500	26.5	H		-4.464 E-01	1.1756-03	4.662E 02	1.614E 03		3.582E-0
23.400	11.600	26.5	L.		-4.462E-01	-1.067E-03		1.613E C3	1.360E	-3.252E-02
9.500	11.700	56.95	u		-4.465E-C1	-2.552E-03	4.662E 02	1.612E 03	-1.361E 01	-7.778E-0
3.600	11.800	26.5	1.026= 00		-4.465E-01	-2.155E-03		1.61CE C3	3615	-4.567E-02
3.700	11.900	26.5	w		-4.466E-01	-3.049E-04			161E	-9.293E-03
1.800	12.000	26.5	··		-4.464E-01	-4.013E-04	4.636E 02			-1.223F-02
006-	12.100	26.5	ш		-4.464 E-01	-3.000E-03	•633€			-9.145E-02
0000	12.200	56.9	u		-4.466E-01	-1.285E-04			-1.3616 01	-3.917E-03
201.	12.300	5002			-4.465E-01	1.867E-04	€ 643E		1.3616	5.751E-0
007.	004.21	25.00			10-3404-4-	-1.162t-05		1700	-36 IE	-3.54ZE-0
0000	17.500	8.97			-4.4031-01	3-54 IE-04		-110	:	1.079E-02
034.	12.600	3000	t		-4.462 E-01	-2.399E-03	.658t	555E	1.360E	-7.313E-02
0000	12.000	3.07			10-3604-6-	-4-30/E-03		2000	3016	-1.3136-01
2000	12.500	5007	1.0245 00	04.76	10-40/6-01	-1.9826-03	4.040E 02	1.55 /6 03	:.	-9-0474-0
200	2000	36 6			10-1004-6-	7 1066 04	37600		31050	20 700.
000	13 100	26.53	u 11		10-10-10-1	- 1. 10 JE - 04	20 3480 7	1 6635 03	10 3616	20 - 20 - 20 - 20 - 20 - 20 - 20 - 20 -
000	13,200	26.6	u		-4-467E-01	1.7916-04			3416	7667
100	13.300	24.5	. u		-6.464.5-01	4. 484F-04			3416	1 3476-0
2.200	13.400	26.6	u		-4-466 F-01	-9-96.7E-04	. 651F		1 3616 01	-3.03 %F-02
9.300	13.500	27.6	···		-4-466F-01	2.167F-04		S. B. B.	3416	A. 605 F-0
2.400	13.600	26.5			-4.463F-01	1.3191-04		SE7F	1. 260F	4.0216-0
5.500	13.700	26.9	w		-4.464F-01	-3.18EE-03	. 643E		1.3611	-9.716F-02
200€	13. 800	26.5	1.0265 00	52	-4.464 5-01	-1.280E-03	.65.ZE			-3-900E-02
5.700	13.500	26.5	u:		-4.464E-01	-1.2106-04			1.361E	-3.686E-03
9.300	14.000	56.5	w		-4.463E-01	-4.676E-04	-	SBIE	360E	-1.425E-02
306 €	14.100	26.5		51.84	-4.4638-01	-2.261f-03		SECE	. 360E	-9.939E-02
00000	14.200	26.5	w		-4.465E-01	2.960E-04		578E	3616	9.022E-03
9.100	14.300	26.5	13		-4.464E-01	-8.388E-04		577E	3616	-2.557E-0
6.200	14.400	26.6	1.025 00	11.11	-4-464 F-01	-4-1476-04	4.6665 02	4166	-1-3616 01	-1 SAGE-02
					,		,		•	•

EXPERIMENTAL CATA

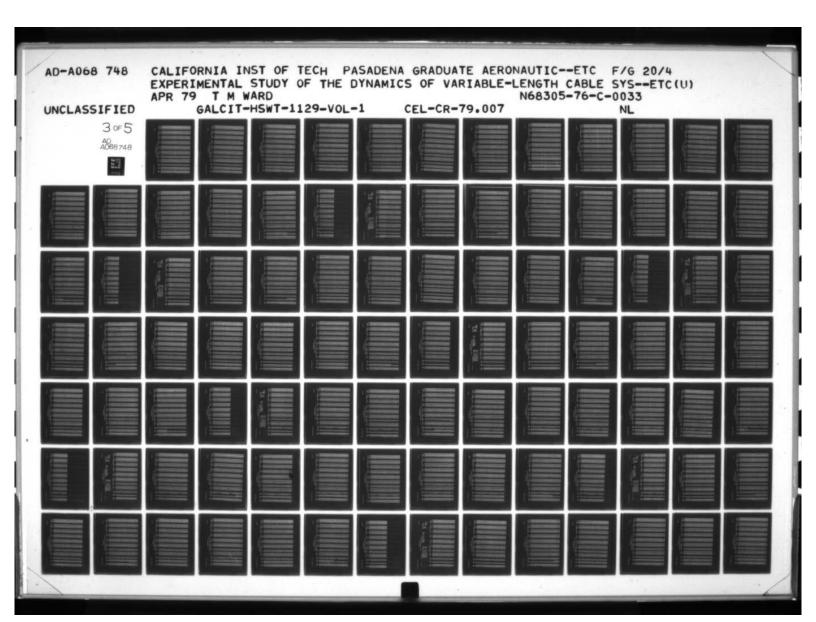
VARIABLE LENGTH CAPLE SYSTEMS DYNAMICS

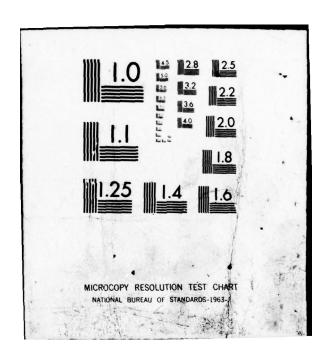
×	RUN	cscr.	TENSTON	LENGTH	VFLOCITY	ACCEL.	TENSICA	LENGTH	VELOCITY	ACCEL.
356	SFC	DEC	183	1	FT/SEC	FT/SEC/SEC	68.84	à	CM/SEC	CM/SEC/SEC
904	14.400	26.5	1.0275 00	51.62	-4.463 F-01	-7.492E-34	.066		1.360E	-284E-
26.500	14.700	27.6	1.0275 00	51.58	3 794 ·	-3.7458-03		1.5726 02	-1.360E 01	-1.141E-01
26.600	14.500	5.92		\$1.54	163E	-1.025E-03	.653E		1.360E 01	
200	14.500	55.55		51.50	.462 E		.651E	3315	.360E 01	-1.698E-02
300	15.000	26.5		\$1.45	2		_	3895	1.360E 01	-2.009E-0
006	15.100	59.5	1.026E 00	51.40	-4.463E-01	-3.242E-03		367E		-9.880E-0
330	15.200	27.5	1.027 00	51.37	-4.463F-91	1.702E-04	4.655E G2	3995	.36CE 01	5.188E-0
001.72	15,300	56.5		51.32	-4.464E-01	-4.272E-04	395	564E	1.360E 01	-1.302E-0
27.200	15.400	21.6		51.30	-4.462F-01	-1.C04E-03	416	36 4E	360F	-3.061F-0
27.300	15.500	26.5		51.24	-4.462E-01	3.787E-04	-656E	SEZE	360E	1-156F
005	15.600	27.0		61.18	460F	-F-40 CF-04	1966	5606	350	-1-6665
200	15.700	26.5	- 6	41.14	. K. 2 E.	3.450F-	FEEF	2233	3406	-1 0626-0
207 20	15.600	3 46			76.35	1 0	3557		3406	3 3066
200	2000				100	36.000	20000		3000	- בייניים
200, 17	12.900	9.07		21.03	-4.4031-01	-1.825E-04	.03/E		1.300	-2.30370
27.800	16.000	54.5		21.00	-4.462E-01	4.06	.658E	3 4 E		-1.240F-0
27.900	16.100	56.5		96.05	-4.462E-01	5E-		553E	.360E	-9.343F0
28.000	16.200	27.0		16.05	-4.463E-01	6.289E-04		5 2E		1.917E-0
28.100	16.300	27.6		50.89	461	-7.506E-04	968E	. 55 1E	. 36CE	-2.288F-0
28.200	16.400	27.5		50.65	-4.461E-01	-3.767E-04	-674E	550E	360E	
28.300	16.500	27.0		50.80	3	-5-667E-04	SERE	4 FF	3596	-1-736F-0
28.400	16.600	27.6		50.14		-8-046F-04	-663F	547E		-2.452F-0
28.500	16.700	26.9		50.71	461F-	-3.412F-03	. 657F	1795	3605	-1.040F-0
909	16.800	27.6	1.024F 00	50.69	-4-461F-01	2.851E-04	47E	45.	360E	01 8-689F-03
28.700	16.900	26.5		50.63		1.215F-03	1559	36 3E	3566	1.165F-0
28.800	17.000	24.9		20.40	-4-460E-01	-2.26 BE-03	AAGE	8426	3506	-7.003E-0
28.900	17 100	36.6		200	-4 4625-01	-3 56 25-03	31 99		3405	7,00
000	17 200	37.		200	10 3200	4 4315-04	3577	200	3000	2000
000.00	002011	5000	10000	20.43	701	0.010		326	20000	יייייייייייייייייייייייייייייייייייייי
001	000	3.07		26.00		-1.0325-04		2	3000	0-3061.6-
007-47	11.400	3.37		50.38	104.	-0-124E-04	1920.	300	. 300E	
59.300	17.500	6.97		20.24		-1. /39E-03	. 63 (2	34E	1 . 36UE	-5.3011
400	17.600	24.5		50.31	195	-8.237E-04	. 06 ZE	34E	1.360E	-2.5116-0
29.500	17.700	56.5		\$0.26	-4.463E-01	-3.302E-03		3 2 E	1.360E	-1.007F-0
25.600	17.800	27.0	1.030E 00	\$0.22	-4.463E-01	-6.583E-04	9 1 CE	316	1.360E	-2.006 E-02
25.700	17.500	27.6		50.18	63E	-3.562E-04	36	33CE	.360E	-1.086F-0
29.800	18.000	26.5		50.14	36	-	965E	.528E	1.360E	-2.200E-02
29.900	13.100	27.0		80.08	949	-2.175E-03	. 66 4E	52 EE	361E	-8-457E-0
30.000	18.200	27.6		50.05	464		96 36		36.05	3.405F-0
100	18.300	27.6		20.00	4635	-9-611F-04	4635	524E	3606	-2.030E
300	200	,,,,	200	200	***		***	17.5	2000	2000
20200	0000	2000		44.44	1000	-	31.0	2675	. 3000	-2.13.6-
300	18.500	27.5		49.93	- 4636-	1971	.634E	377E	.360E	-3.542E-
30.400	19.600	27.0		05.65	-4.461E-01	3.855	4 2E	\$11E	360E	-1.175E-0
36.500	-	27.6		49.85	463 E-	3.00 7E	.648E	351;	.360E	-9.166E-0
30.606	13.800	26.5		49.75	-4.464E-01	.545E	9099	517E	.361E	4.709E-0
30. 700	5.	26.5	1.027E 00	49.75	-462E-	5.7016	35	1.5166 03	-1.360€ 01	-1.7385-02
906	10.000	3.40		40.48	4425-	39 56	4716	3713	346	3636

EXPERIMENTAL CATA

VARIABLE LENGTH CABLE SYSTEMS DYNAMICS

RCOR	Nin	OSCL.	TENSION	LENGTH	VEL JC 11Y	ACC EL.	TENSICA	LENGTE	VELOCITY	ACCEL.
TIME	114	ANCLE								
SEC	SEC	DEC	1.85	FT	F1/SEC	FT/SEC/SEC	CRAP	ð	CMISEC	CM/SEC/SEC
0000	19.200	20.9	7.		-4.464E-01	8.66EF-04	4.65SE C2	0		2.642E-0
31.100	19.300	26.5	1.0265 00	49.57	-4.463 E-01	-1.337E-03	4.654E 02	1.511E 02	-1.360E 01	.228
.200	19.400	27.6	46		ш	57.	3440.	510E 0	.360E	2
31.300	16.500	27.6	4E		-4.462E-01	1.60CE-04	44E	0	. 360E	4.876E-03
304.	19.600	27.6	45	*65	. 461	-3.726E-04	3449€	SC JE 0	. 360E	-1.136E-(
31.500	15.700	27.0	SE.		-4.463E-01	-3.196E-03	4.655F 02	5C6E 0	-360E	7
31.686	15.800	27.6	9	49	463 E	-5.940E-04	3459.	0		-1.8116-
31.100	15.500	27.6	65		-4.464E-01	-1.238E-03	4.654E 02	0		-3.773E-02
31.800	20.000	27.6	:9	49	-4.463E-01	-1.20 EE-03	. 656F	0	-1.360E 01	-3.675E-0
31.500	26.100	27.6	55	.64	-4.465E-01	-2.538E-03	4.651E G2	0	-1.361E 01	-7.736E-02
0000	20.200	3.75	SE		-4.464E-01	1.7246-03		1.50CE 03	.361E	5.255E-02
32.100	20.330	27.0	5E		.462	-1.714E-03	.651E	0	-	-5.226F-
.200	20.400	27.5	- 9E		-4.464 E-01	-1.071E-03	9559	0		-3,265E-02
.300	20.500	24.6	11	4	-4.464E-01	-2.229E-04	3760.	3955		-6.793E-0
32.400	20.400	56.5	BE	48.99	-4.463 E-01	4.765E-04		1.452E 02	-1.360E 01	1.452E-02
. 50€	20.100	26.5	F	48.	-4.464 E-01	-2.146E-03	3859.	1.492E 03	1.361E	-6.540E-02
909.	20.800	27.6	8	48.92	-4.4625-01	1.278E-04	.618E	1.491E 03	1.360E	3.896E-03
. 700	20.900	27.6	35	48.	-4.462E-01	-1,141E-03	. 554E	1.45CE C2	1.360E	-3.478E-
.800	21.000	27.6	35	4	.462	-395E-	4.550E 02	1.48SE 03	1.360E	-4.251F
206.	21.100	27.0			-4.462E-01	-2.117E-03	.511E		-1.360E	
33.000	21.200	27.6	2E-	*	-4.463E-01	1.323E-03	**505E 02	1.487E C3	-1.36CE	4.032E-02
.100	21.300	27.6	34E	4	-4.462E-01				-1.360E	-5.617E
302€	21.400	27.6	-34.			-6.E84E-04				-2.098E
. 300	21.500	27.6	116-	4		-7.889E-04	-20		-1.360E	-2.404E-
.400	21.600	27.0	9.9885-01	4	.459	-8.77CE-04			-1.359E	-2.673E-02
. 500	21.700	27.6	11	4	-4.460 E-01	-2.612E-03			-1.359E	
.500	21.500	3.15	35	48.55	-4.460E-C1	4.115E-04		308	-1.359E	1.254E-(
. 700	21.900	0.75	30	3	-4.458E-01	-8.531E-04			-1.3596	-2.600E-
. 800	22.000	26.5	1.004E 00	48	-4.460E-01	-1.479E-03	4.555E		-1.359E	-4.507E-
006.	22.100	56.5	32	48	-4.46 IE-01	-2.822E-03	4.549E		-1.360E	-8.601E-
34.000	22.200	56.5	· 001 =	48		7.56 IE-04	4.541E			2.304E-02
261.	25.300	56.5	1E	48		-1.751E-03	4.5418		-1.360E	-5.338E-
34.200	22 .400	56.5	856.	49		-3.937E-04	4.535E		-	-1.200E
. 30€	22.500	27.0		48	461	-5.988E-04	4.537E		-1.360E	-1.825E-
004.	55.600	27.6		48	-4.459E-01	-5.605E-04	4.5411	1.468E 03	.359F	-1.709E-
34.500	22.700	27.0		48.	.461	-2.481E-03	243E	0		-7.561E-
34.600	22.500	27.1	.001E	48.0	-4.462E-01	6.494E-05	35E			1.979€-
.700	22.900	27.1	-986e-	48	-4.461E-01	-1.515E-03		0	1.360E	-4.617E-
. 800	23.000	27.6	-3066·	47.	195	-8.046E-04	5315	0	1000	-2.452F
906 .	23.100	27.6	-3856 ·	47.	462 E	-1.921E-03	.535€	1.462E 03		-5.855E-
0000.	23.200	27.1	.1.	47.	.461E	1.1896-03	31€€.	1.461E 03		3.623F
₹100	23.300	27.6		47.	-4.461E-01	-1.533E-03	46E	1.455E C3	70.00	-4.673F
007.	23.400	27.6		47	. 461 E	-2.734E-05	.544€		1.360E	-8.334E-0
35.300	23.500	27.0	.003		.461	-2.502E-04	4.550E 02	56	-1.360E 01	626
35.400	23.600	5002	1	47.70	-4.462 F-01	-4-949E-04	4.537F 02	FU 35 17 1	-1-360F 01	-1- SOGE-02
1						•	,	•	-	





EXPERIMENTAL DATA

VARIABLE LENGTH CARLE SYSTEMS DYNAMICS

200 26.5 1.000 26.5 1.	7. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	F1/SFC -4.4625-01 -4.4625-01 -4.4645-01 -4.4646-01 -4.4646-01 -4.4646-01 -4.4646-01 -4.465-01 -4.465-01 -4.465-01 -4.465-01 -4.465-01 -4.465-01 -4.465-01 -4.465-01	F1/SEC/SEC -2.146E-04 -2.134E-03 -2.137E-03 -2.137E-04 -2.137E-04 -1.066E-03 -1.186E-03	GRAP 4.5376 02 4.5376 02 4.5246 02 4.5276 02 4.5276 02 4.5276 02 4.5276 02 4.5266 02 4.5266 02 4.5366 02 4.5466 02 4.5466 02 4.5466 02 4.5466 02 4.5466 02 4.5466 02 4.5466 02 4.5466 02 4.5576 02 4.557	11.444446666666666666666666666666666666	CF/SEC -1.360E 01 -1.360E 01	-6.542F.03 -3.70GF.02 -2.73F.02 -6.513F.02 -6.513F.02 -6.513F.02 -2.187F.02 -2.187F.02 -2.361F.02 -3.411F.02 -4.411F.02 -3.317F.02 -3.317F.02 -3.317F.02 -3.317F.02 -3.317F.02 -3.317F.02 -3.317F.02 -3.317F.02 -3.317F.02 -3.317F.02 -3.317F.02 -3.317F.02 -3.317F.02 -3.317F.02 -3.317F.02 -3.317F.02
23.500 24.000 24.000 24.000 24.000 24.000 24.000 24.000 24.000 24.000 24.000 24.000 24.000 25.000 26.000		-4.462 E-C1 -4.462 E-C1 -4.464 E-C1 -4.464 E-C1 -4.463 E-C1 -4.463 E-C1 -4.463 E-C1 -4.463 E-C1 -4.465 E-C1	-2.146E-04 -1.214F-03 -8.976E-04 -2.137E-03 -1.566E-04 -7.075E-04 -7.178E-04 -7.178E-04 -7.178E-04 -7.178E-04 -7.178E-04 -7.178E-04 -7.178E-04 -7.178E-04 -7.178E-04 -7.178E-04 -7.178E-04 -7.178E-04 -7.178E-04 -7.178E-04				-6.542E-0-13.70GE-0-13.70GE-0-13.70GE-0-13.65E-0-13.80E-0-13.80E-0-13.31E-0
24.500 26.5 24.500 26.5 24.500 27.6 24.500 26.5 24.500 27.6 24.500 26.5 24.500 26.5 24.500 26.5 24.500 26.5 25.500		-4,462 E-01 -4,464 E-01 -4,464 E-01 -4,464 E-01 -4,464 E-01 -4,464 E-01 -4,464 E-01 -4,465 E-01	2.14F-03 -8-976F-04 -2.13 7E-04 -1.56 FE-04 -1.576 FE-04 -1.84 FE-04 -1.84 FE-04 -1.89 FE-04 -1.189 FE-04 -1.164 FE-03 -1.764 FE-03 -1.764 FE-03 -1.764 FE-03				-3.700F- -5.736F- -5.736F- -5.992F- -2.157F- -2.157F- -3.626F- -3.626F- -3.317F- -4.411F- -5.376F- -5.
24.000 26.9 2.95.0 24.000 26.9 2.4.000 26.0 26.0 26.0 26.0 26.0 26.0 26.0	· ·	-4,462F-C1 -4,464F-D1 -4,464F-D1 -4,464F-D1 -4,464F-D1 -4,464F-D1 -4,465F-D1 -4,457F-D1 -4,457F-D1 -4,457F-D1 -4,462F-D1 -4,462F-D1	-8.13 7E-03 -2.13 7E-03 -1.56 6E-03 -1.56 6E-03 -1.71 7E-04 -1.84 5E-04 -1.89 6E-03 -1.08 8E-03 -1.76 6E-03 -1.76 6E-03 -1.76 6E-03				2.736F 6.513F 7.992F 7.107F 7.107F 7.107F 7.107F 7.107F 7.107F 7.107F 7.107F
24.100 26.9 2.94 2.4.100 26.9 2.4.200		-4.464E-01 -4.463E-01 -4.463E-01 -4.463E-01 -4.465E-01 -4.465E-01 -4.455E-01 -4.451E-01 -4.451E-01 -4.451E-01 -4.462E-01	2.1376-03 5.5855-04 7.675-04 7.178-04 7.178-04 7.186-04 7.1886-04 7.1886-04 7.1886-03 1.4476-03 1.3886-03 1.3886-03 1.3886-03 1.3886-03			36 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	-6.5134 -7.19724 -7.1974 -7.1974 -7.6234 -7.3164 -7.3164 -7.3164 -7.3164 -7.3164 -7.3164 -7.3164
24.200 24.200 24.200 24.500 24.500 24.500 24.500 25.5000 25.5000 25.5000 25.5000 25.5000 25.5000 25.5000 25.5000 2		-4,461E-01 -4,461E-01 -4,461E-01 -4,464E-01 -4,464E-01 -4,665E-01 -4,655E-01 -4,451E-01 -4,451E-01 -4,462E-01 -4,462E-01 -4,462E-01	5.585F-04 -7.675E-04 -7.178E-04 -5.845E-04 -1.1846E-03 -1.186E-03 -1.447E-03 -1.744E-03 -1.764E-03 -1.764E-03			2000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1,702F 2,592F 2,187F 1,781F 1,781F 1,781F 1,281F 1,391F 1,41F 1
24.300 26.5 24.500 27.5 24.500 26.5 25.500 26.5 26.500 26.5 27.500 26.5 27.50		-4,461E-01 -4,463E-01 -4,465E-01 -4,464E-01 -4,465E-01 -4,455E-01 -4,451E-01 -4,451E-01 -4,451E-01 -4,462E-01 -4,462E-01	-1.55 (-0.4) -7.17 8 -0.4 -5.24 5 -0.4 -1.84 6 -0.4 -1.18 9 6 -0.4 -1.18 9 6 -0.4 -1.18 9 6 -0.4 -1.18 9 6 -0.4 -1.18 9 6 -0.4 -1.18 9 6 -0.4 -1.18 9 6 -0.4 -1.18 9 6 -0.4 -1.18 9 6 -0.4 -1.18 9 6 -0.4 -1.18 9 6 -0.4 -1.18 9 6 -0.4 -1.18 9 6 -0.4			360E 360E 360E 360E 360E 360E	-5.92F -2.157F -1.181F -3.628F -2.361F -4.41F -5.33F -5.33F
24.500 27.C 5.978 24.500 27.C 5.978 25.000 26.5 5.000 26.5 5.000		-4,463 E-01 -4,465 E-01 -4,464 E-01 -4,465 E-01 -4,465 E-01 -4,455 E-01 -4,457 E-01 -4,462 E-01 -4,462 E-01 -4,462 E-01	-7.675E-04 -7.178E-04 -1.1846E-03 -1.189E-04 -7.785E-04 -7.786E-03 -1.764E-03 -1.764E-03 -1.764E-03			360E 360E 360E 360E 360E 350E	-2.157F -2.180F -3.628F -3.628F -2.36F -4.41F -5.33F -5.33F -5.33F
24.500 24		-4.465E-01 -4.461F-01 -4.463F-01 -4.455F-01 -4.451F-01 -4.451F-01 -4.451F-01 -4.462E-01 -4.462E-01	-7.178E-04 -5.845E-04 -1.845E-04 -1.189E-04 -1.088E-03 -1.447E-03 -1.764E-03 -1.764E-03			361E 361E 361E 351E 353E	-2.186- -3.6236- -3.236- -3.3176- -4.4116- -5.326- -5.326-
25.400 26.5 9.98 25.400 26.5 9.98 25.400 26.5 9.95 26.5 9.95 25.400 26.5 9.95 26.400 26.5 9.95 26.5	į.	-4.461F-01 -4.464F-01 -4.465F-01 -4.455F-01 -4.451F-01 -4.451F-01 -4.462F-01 -4.462F-01	-5.845E-04 -1.846E-03 -7.745E-04 -7.745E-03 -1.447E-03 -1.764E-03 -1.764E-03 -1.764E-03			.360E .361E .361E .358E	-5.628F-0 -3.628F-0 -2.361F-0 -3.317F-0 -5.376F-0
25.400 26.5 5.95 25.00 26.5 5.95 25.00 26.5 1.010 25.50 26.5 1.000 25.50 25.50 26.5 1.000 25.50 25.50 26.5 1.000 26.5 25.00 26.5 1.000 26.5 25.00 26.5 1.000 26.5 25.00 26.5 1.000 26.5 25.50 26.5 1.000 26.5 26.5 26.5 26.5 26.5 26.5 26.5 26.5	i.	-4.464E-01 -4.465E-01 -4.457E-01 -4.457E-01 -4.477E-01 -4.467E-01 -4.462E-01	1.846E-03 1.189E-04 1.088E-03 1.447E-03 1.438E-03 1.758E-04 1.759E-04				-5.628F-0 -3.625F-0 -3.317F-0 -4.411F-0 -5.376F-0
25.900 26.5 1.016 25.100 26.5 1.016 25.100 26.5 1.016 25.500 26.6 1.016 25.500 26.6 1.016 25.500 26.6 1.006 25.500 26.6 1.006 25.500 26.6 1.006 25.500 26.6 1.006 25.500 26.6 1.006 25.500 26.6 1.006 26.500 26.6 1.006 26.500 26.6 1.006 26.500 26.6 1.006 26.500 26.6 1.006 27.100 27.6 1.006 27.100 27.6 1.006 27.100 27.6 1.006 27.100 27.6 1.006 27.100 27.6 1.006 27.100 27.6 1.006 27.100 27.6 1.006 27.100 27.6 1.006 27.100 27.6 1.006 27.100 27.6 1.006 27.100 27.6 1.006 27.100 27.6 1.006 27.100 27.6 1.006		-4.465E-01 -4.465E-01 -4.457E-01 -4.451E-01 -4.47E-01 -4.462E-01 -4.462E-01	-1.189E-04 -7.745E-04 -1.088E-03 -1.44E-03 1.38E-03 -1.764E-03 -8.552E-04			1.360E 1.361E 1.359E 1.357E	3.625F -2.361F -3.317F -4.411F -5.376F
25.000 26.5 1.010 25.200 26.5 1.010 26.5 1.0		-4.465F-01 -4.457F-01 -4.451F-01 -4.457F-01 -4.457F-01 -4.462F-01 -4.462F-01	-7.745E-04 -1.088E-03 -1.447E-03 -1.764E-03 -1.764E-04 -8.552E-04				-2.361F- -3.317F- -4.411F- -5.376F- -2.607F-
25.100 26.5 1.011 25.300 26.5	i i	-4.457E-01 -4.455E-01 -4.457E-01 -4.457E-01 -4.462E-01 -4.462E-01	-1.088E-03 -1.447E-03 1.388E-03 -1.764E-03 -8.552E-04				-3.317E- -4.411F- -5.37E- -5.376F-
25.100 26.5 1.000 25.500 25.500 26.6 1.000 25.500 26.7 1.000 25.500 26.7 1.000 25.500 26.5 1.000 25.500 26.5 1.000 26.5 25.500 26.5 1.000 26.5 25.500 26.5 1.000 26.5 25.500 26.5 1.000 26.5 25.500 26.5 1.000 26.5 25.500 26.5 1.000 26.5 25.500 26.5 1.000 26.5 25.500 26.5 1.000 26.5 25.500 26.5 1.000 27.5 1.00		-4.455E-01 -4.457E-01 -4.467E-01 -4.462E-01 -4.462E-01	-1.447E-03 1.388E-03 -1.764E-03 -8.552E-04 -7.390E-04				-4.411F- 4.232F- -5.376F- -2.607F-
25.200 26.6 1.010 25.500 26.7 1.010 25.500 26.8 1.010 25.500 26.8 1.000 25.500 26.6 1.000 25.500 26.6 1.000 26.500 26.5 1.000 26.500 26.5 1.000 26.500 26.5 1.000 26.500 26.5 1.000 26.500 26.5 1.000 26.500 26.5 1.000 27.500 26.5 1.000	i.	-4.451E-01 -4.447E-01 -4.457E-01 -4.462E-01	1.38 EE-03 -1.764E-03 -8.552E-04 -7.390E-04				4.232E- -5.376E- -2.607E-
25.400 26.6 1.000 25.500 26.7 1.000 25.500 26.8 1.000 25.500 26.8 1.000 26.8 1.000 26.8 1.000 26.8 1.000 26.8 1.000 26.8 1.000 26.8 1.000 26.8 1.000 26.8 1.000 26.8 1.000 26.8 1.000 26.8 1.000 26.8 1.000 26.8 1.000 26.8 1.000 27.0	i.	-4.447E-01 -4.457E-01 -4.462E-01 -4.462E-01	-1.764E-03 -8.552E-04 -7.390E-04			1.2666	-5.376F
25.400 26.8 1.000 25.500 25.7 1.000 25.700 26.7 1.000 25.500 26.5 1.000 26.5 1.000 26.5 1.000 26.5 1.000 26.5 1.000 26.5 1.000 26.5 1.000 26.5 1.000 26.5 1.000 26.5 1.000 26.5 1.000 26.5 1.000 26.5 1.000 27.0		-4.457E-C1 -4.462E-01 -4.462E-01	-8.552E-04 -7.390E-04			3565.1	-2.607E-0
25.500 26.7 1.002 25.000 26.8 1.000 26.8 1.000 26.8 1.000 26.9 1.000 26.9 1.000 26.9 1.000 26.9 1.000 26.9 1.000 26.9 1.000 26.9 1.000 26.9 1.000 26.9 1.000 26.9 1.000 26.9 1.000 26.9 1.000 26.9 1.000 26.9 1.000 26.9 1.000 26.9 1.000 27.0 1.0		-4.462E-01 -4.462E-01 -4.463E-01	-7.390E-04				-
25.000 26.6 1.000 25.700 26.6 1.000 26.5 1.000 26.5 1.000 26.5 1.000 26.5 1.000 26.5 1.000 26.5 1.000 26.5 1.000 26.5 1.000 26.5 1.000 26.5 1.000 26.5 1.000 27.0 1.0000 27.0 1.000 27.0 1.000 27.0 1.000 27.0 1.000 27.0 1.000 27.0 1.		-4.462E-01				-1.360E 01	-2.252F-0
25.700 26.8 1.000 26.5 5.57 7.00 26.5 6.00 26.5 5.57 7.00 26.5 5.5		-4-463F-01	-1.492E-04			-1.360E 01	-2.284E-
25.800 26.6 5.57 26.100 26.5 5.57 26.100 26.5 1.00 26.400 26.9 1.00 26.400 26.9 1.00 26.400 26.9 1.00 26.400 26.9 1.00 26.500 26.6 9.99 26.600 26.6 1.00 27.000 26.6 1.00 27.200 26.6			-1.91 7E-03	39E		360E	-5.842FG
25.900 26.5 26.100 26.5 26.200 26.5 26.300 26.5 26.400 26.5 26.400 26.5 26.400 26.5 26.400 26.5 26.400 26.5 26.400 26.5 27.200 26.5 27.20		-4.462 E-01	-9.639E-05	\$ 30E		160E	-2.538F-0
26.100 26.5 9.9 26.5 9.9 26.5 9.9 26.5 9.9 26.5 9.9 26.5 9.9 9.9 26.5 9.0 26.5 9.0 2	-	-4.460E-01	-8.955E-04	526€	1.4216 03	-1.3606 01	-2.730F-
26-200 26-5 1-00 26-300 26-5 1-00 26-300 26-6 1-00 26-500 26-6 9-99 26-500 26-6 9-99 26-500 26-6 1-00 27-300 27-6 1-00 27-300 27-6 1-00 27-300 26-6 1-00 27-300		-4.462E-01	-1.243E-03			- 360E	-3.790F-
26.300 26.9 1.00 26.500 26.9 9.99 26.500 26.9 9.99 26.500 26.9 9.99 26.500 26.9 9.99 27.300 26.9 1.01 27.300 27.0 1.02 27.300 27.0 1.02 27.300 26.9 1.02 27.300 26.9 1.02 27.300 26.9 1.02 27.300 26.9 1.02 27.300 26.9 1.02	-01 46.53	-4.461E-01	-2.095E-03			- 36CE	-6.384E-
26.400 26.6 9.99 1.00 26.6 9.99 26.6 0.00 26.6 9.99 26.6 0.00 26.6 9.99 26.6 1.00 27.0		-4.45 /E-01	1.203E-03			. 359E	3.637
26.500 26.6 9.99 26.500 26.6 9.99 26.500 26.6 9.99 27.000 26.6 1.00 27.200 27.6 1.00 27.400 26.6 1.00 27.500 26.6 1.00 27.500 26.6 1.00 27.500 26.6 1.00 27.500 26.6 1.00 27.500 26.6 1.00		50	-2.205E-03	4.54 IE 02		1.3596	-6. 734 E-02
26.500 26.6 9.99 26.700 26.6 9.99 26.700 26.6 1.00 27.000 27.6 1.00 27.200 26.6 1.00 27.300 27.6 1.00 27.400 26.5 1.00 27.400 26.5 1.00 27.500 26.5		10-366-6-	- N-2110-6-		3616		-2.3307
26.700 26.5 26.700 26.5 27.000 26.5 27.000 26.5 27.300 27.6 27.300 27.6 27.400 26.5 27.400 26.5 27.400 26.5 27.400 26.5 27.400 26.5 27.400 26.5		-4-4596-61	3-4185-05	306		-1.359E 01	1.82
26.800 26.8 9.99 27.000 26.6 1.00 27.300 27.6 1.00 27.300 27.6 1.00 27.400 26.5 5.97 27.500 26.5 5.97 27.500 26.5 1.00 27.500 26.5 1.00	46.27	10-3164-4-	-11.19.6-03	4 5328 02	60 37151	10 3806 01	13.00
27.000 26.6 1.002 27.000 26.6 1.002 27.200 26.6 1.002 27.300 27.6 1.002 27.400 26.9 5.97 27.500 26.9 5.97		10-3666-6-	2 3636-04		200	3505	-376-0-
27.000 26.6 1.02 27.200 27.6 1.02 27.200 27.6 1.02 27.300 27.0 1.01 27.500 26.5 5.96 27.500 26.5 1.01		10-3000-1-	-4.3416-04	4 5456 02		10 3696 1-	1
27.100 27.6 1.022 27.300 27.6 1.022 27.400 26.5 1.012 27.500 26.5 5.95 27.500 26.5 1.011		-4-468F-01	-1-131E-03			3666	7,446
27.200 26.5 1.022 27.300 27.0 1.012 27.500 26.5 5.97 27.500 26.9 5.96		-4-451 F-01	-1.363E-03		4539	3576	1
27.300 27.0 1.010 27.400 26.5 5.57 27.500 26.5 5.96 27.600 27.0 1.011		-4.454E-01	6-4338-04			-358E	1.961E-
27.500 26.5 5.97 27.500 26.5 5.96 27.600 27.0 1.01.	4	-4.453E-C1	-1.50CE-03		1.40cF 03	357E	-4-573E-C
27.500 26.9 5.96		-4.461E-01	-8.688E-04				-2.648F
27.600 27.0 1.01	•	-4.460E-01	-5.537E-05			-1.359£ 01	-1.688E
	•	-4.447E-01	-5.496E-04			1.356E	-1.675E-C
27.700 27.1 1.02	4	-4.445 E-01	-1.698E-03				-5.176F
27.800 27.1 1.02	E 00 45.53	-4.450E-01	-1.51 8E-04			-1.356E 01	-4.626F-03
27.500 27.1 1.01	4	-4.450E-01	-1.325E-03			-	-4.038F
29.000 27.1 1.02		-4.445F-01	-9.8716-04			-1.355E 01	-3.009E-02
28.100 27.2 1.02	E 00 45.85	-4.446E-C1	-4.512E-04		36	:	-1.375F-02
28.200 27.2 1	67.54 00	-4.438E-01	1.0936-03	4.615E C2	1.353E 03	-1.353E 01	3.332F-(

EXPENIMENTAL CATA

VARIABLE LENGTH CARLE SYSTEMS DYNAMICS

KCOR TIME	AUR.	0.501.	TENSICA	LENG TH	VELOCITY	ACC ST.	LENSILA	LENGTE	VELOCITY	ACCEL.
SEC	SEC	056	LAS	FT	FT/SEC	FT/SEC/SEC	GR AP	45	CP/SEC	CM/SEC/SEC
\$0.200	28.400	27.1	1.022F 00	45.79	-4.460F-C1	-1.00 95-03		1.356E 03	-1.355E 01	-3.071E-02
.300	24.500	27.0	114	45.79	-4.463 E-01		4.554E G2		-1.360E 01	-1.31 IE-02
00+	28.600	26.5	.015E	45.64	-4.463E-01	-6.282E-04	4.603£ 02	3916	360E	-1.915E-02
.500	29.700	54.5	u	45.69	-4.467E-01	-1.615E-03	. 563E			-4.924E-02
209.	28.400	26.5	-3145.	45.54	-4.467E-01	-1.00 35-03			361E	-3.057E-02
.700	28.930	56.5		. 45.40	-4.453E-01	-1.794E-03			-1.359E 01	-5.469E-02
306.	29.000	26.5	u.	45.36	-4.458E-01	-1.750E-03	ш		.355E	-5.455E-02
40.900	29.100	27.6	1.062E 00	45.32	-4.457E-01	4.341E-04			1.359E	1-323E-02
000	25.200	27.0		45.27	-4.456E-C1	6.C84E-05	ш		1.3	1.854E-03
201.	25,300	27.6	.003E	45.23	-4.458E-01	3				-9.389E-02
.200	25.400	27.6	.003€	45.19	-4.458E-01	-1.697E-03				-5.171E-02
.300	29.500	27.0	u	45.15	-4.459E-01	4.662E-04		1.376E 03		1.4216-02
004.	25.600	27.1	1.000 00	45.12	-4.456E-01	-1.388E-04	346		-1.258E CL	-4.23CE-03
.500	29.700	27.5	-0C1E	45.67	-4.458E-C1	-1-21 6E-03		¥	365€	-3.707E-02
009.	25.800	27.5	-0025	45.03	-4.456E-C1	8.271E-05			385	2.521E-03
. 700	55.500	27.6	.005E	44.57	-4.457E-01	-8.586E-04			-1.359E 01	-2.617E-02
.800	30.000	27.0	-004E	15.44	-4.458E-01	-1.001E-03				-3.050E-02
906	36.100	27.0	-004E	44.88	-4.457E-01	-4.655E-04			355I	-1.4196-02
000	36.200	56.5	. OC 4F	44.81	-4.457E-C1	-1.9896-04				-6.063E-03
001	30.300	50.92	€000	44.78	-4.458E-C1	-2.024E-03	248E			-6.170F-02
502.	30.400	27.0	- 001E	44.74	-4.457E-01	-1.401E-03			1.3	-4.265E-02
2000	30.500	5007	- COZE	07-55	-4.458E-01	-6.412E-04	3446			-1.5546-02
200	30.000	3017	11000	44.00	-4.458E-01	-1.505E-US	. 3 3 5 E		1.359	-4.588E-02
200	30.00	33.6	3100	44.03	10-1665-4-	2 4965 04			-1.3596 01	-3. 130E-02
202	30.500	27.1	0000	44. 63	10-2064-4-	-1-40 PE-04	4.5475 02	1 3675 03	10 3566 01	3 3445 03
800	31.000	27.1	200	44.40	10-305-01	-1.4405-03			3406	70-30-6-02
900	31 -100	27.0	1.0025 00	44.45	-4-460F-G1	-3.835F-04			3566	-1.1695-02
200	31.200	27.6	9100	44.43	-4.459F-01	10	540E		30	-0-04 3E-03
001	31.300	27.6	5.5546-61	44.37	-4.459E-01	10	4.5335 02	1.3528 03		-6-405F-02
200	31.400	27.0	1	44.34	-4.459F-01	-1.127E-03			1.359E	-3-636F-02
.300	31.500	27.1	-34L3.	44.28	-4.460 E-01	-2.974E-04			.359E	-9.064E-03
004	31.600	27.6	-3955.	44.23	-4.459E-01	-1.762E-03			359E	-5-369E-02
206	31.700	27.6	1.000E 00	44.18	-4.461E-01	-1,736E-03				-5.290E-02
009.	31.600	27.6	-004E	44.13	-4.461E-01	-5.920E-04			360E	-1-804E-02
. 700	91.900	27.0	3400.	44.67	-4.460E-C1	-1.012E-03		1.343E 03	160E	-3.084E-02
908	32.000	27.6	-	44.05	-4.459E-01	-1.100E-03	ш	36 AE	.359E	-3.353F-02
006.	32.100	27.6	:	43.99	-4.458E-C1	-2.352E-04			-	-7.168E-03
000	32.200	27.0	1.003F 00	43.56	-4.458E-01	-1.552E-04				-4.730E-03
100	32.300	27.6	w	43.91	-4.458E-01	-1.679E-03	4.547E 02		-1.359E 01	-9.117E-02
.200	32.400	1.12	w	43.67	-4.458E-01	-1.252E-03	_		366€	-3.617F-02
300	32.500	27.0	u	43.83	-4.458E-01	-6.439E-04			36E	-1.963E-02
. 004-44	35.600	27.6	uı	43.78	-4.459E-01		4.5458 02			-4.051E-02
200	32.700	27.0	u:	43.14	-4.459E-01	-9.516E-04		33E	-1.359E 01	-2.900E-02
309	32. 800	27.1	1.003F 00	43.72	10-450F-01	-4-836F-06	4-547F C2	1.335 03	-1 36GE 01	-2 0845-04
						20000			10 3666	

EXPERIMENTAL DATA

FF	1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	96)	7	נוצנו	TEMSTER	I PNETH VELOCI	VEL OCTIV	ACCEL	TEASICA	I FNCTE	VEIOCITY	ACCEL
13.000 27.1 1.0025 U0 43.63 -4.459F-C1 33.000 27.1 1.0025 U0 43.63 -4.459F-C1 33.000 27.2 1.0025 U0 43.63 -4.459F-C1 33.000 27.2 1.0025 U0 43.63 -4.459F-C1 33.400 27.2 1.0025 U0 43.43 -4.460F-C1 33.700 27.2 1.0025 U0 43.23 -4.459F-C1 33.700 27.2 1.0025 U0 43.23 -4.459F-C1 34.000 27.2 1.0025 U0 43.23 -4.459F-C1 34.000 27.2 1.0025 U0 43.23 -4.459F-C1 34.000 27.1 5.959F-C1 43.19 -4.460F-C1 34.000 27.1 5.959F-C1 43.19 -4.459F-C1 34.000 27.1 5.959F-C1 43.19 -4.459F-C1 35.000 27.2 1.0015 U0 42.83 -4.459F-C1 35.000 27.2 1.0025 U0 42.83 -4.459F-C1 36.000 27.2 1.0025 U0 42.83 -4.459F-C1 37.100 26.5 1.0025 U0 42.83 -4.459F-C1 37.100 26.5 1.0025 U0 41.84	31,000 27.1 1,000 00 41.55	INE	1116	INCLE	IE HS I CH	בייסיים	**************************************	***	IENSILA	LENGIA	A EFOCAL	WOLEL.
33.000 27.1 1.0025 00 43.63 -4.459F-C1 33.300 27.2 1.003F 00 43.59 -4.458F-C1 33.400 27.2 1.003F 00 43.43 -4.460F-C1 33.400 27.2 1.003F 00 43.43 -4.460F-C1 33.400 27.2 1.003F 00 43.43 -4.460F-C1 33.400 27.2 1.003F 00 43.23 -4.460F-C1 33.400 27.2 1.003F 00 43.23 -4.460F-C1 34.400 27.2 1.003F 00 43.23 -4.460F-C1 34.400 27.2 1.003F 00 43.24 -4.460F-C1 34.400 27.2 1.003F 00 42.89 -4.459F-C1 34.400 27.2 1.003F 00 42.89 -4.459F-C1 34.400 27.1 1.003F 00 42.89 -4.459F-C1 34.400 27.1 1.003F 00 42.89 -4.459F-C1 34.400 27.2 1.003F 00 42.89 -4.459F-C1 35.400 27.2 1.003F 00 42.81 -4.459F-C1 35.400 27.2 1.003F 00 42.81 -4.459F-C1 36.400 27.2 1.003F 00 42.81 -4.459F-C1 37.100 26.5 1.003F 00 41.84 -4.459F-C1 37.100 27.10 41.84	1,100 27,1 1,002 10 1,10	3.EC	SFC	org	•	F T	F1/5FC	FT/SEC/SEC	CRAP	3	CMISEC	CP/SEC/SEC
33.100	31.100 27.1 1.0026 00 43.59 44.595 01 1.185 6.95 4.546 02 1.1276 03 1.13	.800	33,000	27.1	411	43.63	.459	-1.4316-03			-1.359£ 01	-4.362E-(
33.700 27.C 1.CC2F CC 43.52 -4.459F-C1 33.500 27.C 1.CC2F CC 43.39 -4.460F-C1 34.500 27.C 1.0C2F CC 43.39 -4.460F-C1 34.500 27.C 1.0C2F CC 43.39 -4.460F-C1 34.500 27.C 1.0C2F CC 43.39 -4.460F-C1 34.500 27.C 1.CC2F CC 43.39 -4.460F-C1 34.500 27.C 1.CC2F CC 43.39 -4.460F-C1 34.600 27.C 1.CC2F CC 43.39 -4.459F-C1 35.500 27.C 1.CC2F CC 43.39 -4.459F-C1 35.500 27.C 1.CC2F CC 42.59 -4.459F-C1 35.500 27.C 1.CC2F CC 42.59 -4.459F-C1 35.600 27.C 1.CC2F CC 42.59 -4.459F-C1 35.700 27.C 1.CC2F	33.200 27.C 1.CGE C	306.	33.100	1.75	4	43.59	-4.453E-01	-3.712E-04	3		.359€	-1.131E-02
33.300 26.7 1.001F 00 43.49 -4.458E-01 33.400 27.6 1.002F 00 43.33 -4.460E-01 33.400 27.6 1.002F 00 43.33 -4.460E-01 33.700 27.6 1.002F 00 43.23 -4.460E-01 34.000 27.1 1.001F 00 43.23 -4.460E-01 34.200 27.1 1.001F 00 43.23 -4.460E-01 34.200 27.1 1.001F 00 43.23 -4.460E-01 34.200 27.1 1.001F 00 42.99 -4.459E-01 34.200 27.1 1.001F 00 42.99 -4.459E-01 34.200 27.1 1.001F 00 42.99 -4.459E-01 35.000 27.1 1.001F 00 42.91 -4.459E-01 36.000 27.1 1.001F 00 42.91 -4.459E-01 37.000 27.1 1.001F	33.300 26.7 1.0016 00 43.49 4.4586-01 1.1875-03 4.5456 02 1.2246 03 1.1356 03 1.2500 25.7 1.0016 00 43.59 4.4606-01 7.092-03 4.5566 02 1.2246 03 1.2356 03 1	300.	33.200	27.6		43.52	-4.459E-01	-7.7596-04	3456		.359E	-2.365E-02
33.400	33,400 27.6 1,022 10 43,43 4,400 1,032 60 4,550 1,254 1,254 10 1,254	001.	33.300	26.3	u	43.49	-4.458E-01	-1.5616-03	542E		.359E	-4.759E-02
33.500 26.5 1.03E 00 43.39 -4.460E-01 31.600 27.0 1.03E 00 43.35 -4.460E-01 31.800 27.0 1.03E 00 43.23 -4.460E-01 34.000 27.1 1.03E 00 43.23 -4.460E-01 34.200 27.1 1.03E 00 43.23 -4.460E-01 34.200 27.1 1.03E 00 43.66 -4.459E-01 34.400 27.1 1.03E 00 42.99 -4.459E-01 34.400 27.1 1.03E 00 42.99 -4.459E-01 34.400 27.1 1.03E 00 42.99 -4.459E-01 35.400 27.1 1.03E 00 42.99 -4.459E-01 35.400 27.0 1.001E 00 42.91 -4.459E-01 36.400 26.5 1.001E 00 42.91 -4.459E-01 37.000 26.5 1.002E 00 41.92 -4.459E-01 37.000 26.5 1.002E 00 41.98 -4.459E-01 37.000 26.5 1.002E 00 41.98 -4.459E-01	13.500 26.5 1.0026 0.0 0.3 0.4 406 0.0 1.0026 0.0 0.55 0.0 0.0 0.1 1.15 0.0	- 200	33.400	27.6	ı	43.43	-4.460E-01	-1.8256-03	344E		-1.359E 01	-5.563E-02
33.700 27.C 1.0026 00 43.35 -4.459F-01 33.700 27.C 1.0026 00 43.26 -4.460F-01 34.000 27.C 1.0026 00 43.23 -4.460F-01 34.000 27.C 1.0026 00 43.23 -4.460F-01 34.000 27.C 1.0026 00 43.23 -4.460F-01 34.000 27.C 1.0026 00 42.69 -4.460F-01 34.000 27.C 2.82E-01 43.06 -4.459F-01 34.000 27.C 5.82E-01 42.69 -4.459F-01 35.000 27.C 5.82E-01 42.69 -4.459F-01 35.000 27.C 5.82F-01 42.81 -4.459F-01 42.81 -4.459	31,700 27.6 1.056 06 43.35 -4,495 01 1.056 03 -551 16 2 1.2518 02 1.2518 03 1.3598 13.100 27.6 1.052 00 43.26 -4,495 01 0.5518 02 1.3518 03 1.3598 13.100 27.1 1.052 00 43.26 -4,495 01 0.5518 02 1.318 03 1.3598 13.100 27.1 1.0518 03 1.3598 13.1 1.0518 03 1.3598 13.1 1.3598 13.1 1.3598 13.1 1.3598 13.1 1.3598 13.1 1.3	. 100	33.500	26.5	0 3	43.39	-4.460E-01	-7.9236-04	3055		-1.359E 01	-2.415F
33.700 27.0 1.0035 00 43.20 -4.460E-01 34.500 27.1 1.0035 00 43.20 -4.460E-01 34.500 27.1 1.0035 00 43.20 -4.460E-01 34.200 27.1 5.99E-01 43.10 -4.460E-01 34.200 27.1 5.99E-01 43.10 -4.459E-01 34.500 27.1 1.001E 00 42.99 -4.459E-01 34.600 27.1 1.001E 00 42.99 -4.459E-01 34.600 27.1 1.001E 00 42.99 -4.459E-01 35.400 27.0 1.001E 00 42.91 -4.459E-01 35.400 27.0 5.999E-01 42.59 -4.459E-01 35.400 27.0 5.999E-01 42.91 -4.459E-01 35.400 27.0 5.999E-01 42.91 -4.459E-01 35.400 27.0 5.999E-01 42.91 -4.459E-01 36.500 26.5 1.002E 00 42.11 -4.459E-01 36.500 26.5 1.002E 00 42.11 -4.459E-01 36.500 26.5 1.003E 00 42.81 -4.459E-01 36.500 26.5 1.003E 00 41.63 -4.459E-01 37.000 26.5 1.003E 00 41.63 -4.459E-01	31,700 27.0 1.0029 00 43.2 4.4460E-01 -1.105E-03 4.55E 02 1.32E 03 -1.35E 03 1.3700 27.0 1.0029 00 43.2 4.4460E-01 -1.304E-03 4.55E 02 1.32E 03 -1.35E 03 1.300 27.0 1.002E 00 43.2 4.466E-01 -1.304E-03 4.54E 02 1.31E 03 -1.35E 03 1.300 27.0 27.1 1.002E 00 43.2 4.466E-01 -1.304E-03 4.54E 02 1.31E 03 -1.35E 03 1.300 27.1 1.002E 00 43.2 4.466E-01 -1.304E-03 4.54E 02 1.31E 03 -1.35E 03 1.300 27.1 1.002E 00 42.5 4.456E-01 -1.304E-03 4.54E 02 1.31E 03 -1.35E 03 1.300 27.1 1.002E 00 42.5 4.456E-01 -1.304E-03 4.54E 02 1.31E 03 1.35E 03 1	204.	31.600	27.6	u	43.35	-4.459E-C1	-1.0926-03	3455.		-1.359E 01	-3.330E-(
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34.000 27.1 9.93E-C1 43.19 -4.460E-D1 34.200 27.1 5.98E-D1 43.16 -4.469E-D1 34.200 27.2 5.82E-D1 43.06 -4.459E-D1 34.200 27.1 5.98E-D1 43.06 -4.459E-D1 34.400 27.1 1.001E 00 42.99 -4.459E-D1 34.400 27.1 1.001E 00 42.99 -4.459E-D1 34.800 27.2 1.001E 00 42.85 -4.459E-D1 35.300 27.2 1.001E 00 42.85 -4.459E-D1 35.300 27.2 1.001E 00 42.85 -4.459E-D1 35.300 27.2 1.001E 00 42.85 -4.459E-D1 35.400 27.2 1.001E 00 42.81 -4.459E-D1 35.400 27.2 1.002E 00 42.81 -4.459E-D1 35.400 27.2 1.002E 00 42.81 -4.459E-D1 35.400 27.2 1.002E 00 42.81 -4.459E-D1 35.400 26.9 1.003E 00 41.92 -4.459E-D1 35.400 26.9 1.003E 00 41.92 -4.459E-D1 37.800 26.9 1.003E 00 41.93 -4.459E-D1 37.800 26.9 1.003E 00 41.93 -4.459E-D1 37.800 26.9 1.003E 00 41.94 -4.459E-D1 37.800 26.9 1.003E 00 41.96 -4.459E-D1 37.800 27.0 1.003E 00 41.96 -4.459E-D1 4.459E-D1 37.800 27.0 1.003E 00 41.96 -4.459E-D1 37.800 27.0 1.003E 00 41.96 -4.459E-D1 37.800 27.0 1.003E 00 41.96 -4.459E-D1 4.459E-D1 37.800 27.0 1.003E 00 41.96 -4.459E-D1 4.459E-D1 37.800 27.0 1.003E 00 41.96 -4.459E-D1 4.459E-D1 4.459E-D1 4.459E-D1 4	34.000 27.1 5.5722-C1 43.19 -4.400F-01 3.186F-04 4.5318 02 1.3158 03 -1.3358 02 3.4000 27.1 5.5722-C1 43.10 -4.450F-01 3.186F-04 4.5318 02 1.3158 03 -1.33	. 766	31.500	27.6	1.001F 00	43.23		-1.304E-03	.540E		-1.359E 01	-3.975E-
34.100 27.1 9.587E-01 43.14 -4.460E-01 34.200 27.1 5.990E-01 43.06 -4.459E-01 34.200 27.1 5.990E-01 43.06 -4.459E-01 34.500 27.1 1.001E 00 42.99 -4.459E-01 34.500 27.1 1.001E 00 42.99 -4.459E-01 34.900 27.1 1.001E 00 42.99 -4.459E-01 34.900 27.1 1.001E 00 42.99 -4.459E-01 35.900 27.0 1.001E 00 42.99 -4.459E-01 35.400 27.0 5.999E-01 42.69 -4.459E-01 35.400 27.0 5.999E-01 42.69 -4.459E-01 35.400 27.0 5.999E-01 42.59 -4.459E-01 35.400 27.0 5.999E-01 42.44 -4.459E-01 35.400 27.0 5.999E-01 42.24 -4.459E-01 27.0 5.999E-01 27.0 5.99	34,100 27.1 5,9876-01 43.14 4,4040-01 -1,186-04 4,5186 02 1,118 03 -1,1396 34,200 27.1 5,9876-01 43.04 -4,498-01 -1,786-03 4,5286 02 1,2186 03 -1,3186 34,000 27.1 1,0016 00 42.95 -4,498-01 -1,746-04 4,5186 02 1,2186 03 -1,3186 34,000 27.1 1,0016 00 42.95 -4,498-01 -1,746-04 4,5186 02 1,2186 03 -1,3186 34,000 27.1 1,0016 00 42.95 -4,498-01 -1,746-04 4,5186 02 1,2186 03 -1,3186 34,000 27.1 1,0016 00 42.95 -4,498-01 -2,496-04 4,518 02 1,3066 03 -1,3186 34,000 27.1 1,0016 00 42.95 -4,498-01 -2,496-04 4,518 02 1,3066 03 -1,3186 34,000 27.0 1,0016 00 42.95 -4,498-01 -1,298-03 4,518 02 1,3066 03 -1,3186 34,000 27.0 1,0016 00 42.95 -4,498-01 -1,298-03 4,518 02 1,3066 03 -1,3186 34,000 27.0 1,0016 00 42.95 -4,498-01 -1,298-03 4,518 02 1,3066 03 -1,3186 34,000 27.0 1,0016 00 42.95 -4,498-01 -1,298-03 4,518 02 1,3066 03 -1,3186 34,000 27.0 1,0016 00 42.95 -4,498-01 -1,498-03 4,518 02 1,3066 03 -1,3186 34,000 27.0 1,0016 00 42.96 -4,498-01 -1,498-03 4,518 02 1,298 03 -1,3186 34,000 27.0 1,0016 00 42.96 -4,498-01 -1,498-03 4,518 02 1,298 03 -1,3186 34,000 27.0 1,0016 00 42.96 -4,498-01 -1,498-03 4,518 02 1,298 03 -1,318 34,000 27.0 1,0016 00 42.96 -4,498-01 -1,498-03 4,518 02 1,298 03 -1,398 34,000 27.0 1,0026 00 42.96 -4,498-01 -1,498-03 4,518 02 1,298 03 -1,398 34,000 27.0 1,0026 00 42.96 -4,498-01 -1,498-03 4,518 02 1,298 03 -1,398 34,000 27.0 1,0026 00 42.96 -4,498-01 -1,498-03 4,598-03 4,598-03 -1,398 03 -1,398 03 -1,398 03 -1,398 03 -1,398 03 -1,398 03 -1,398 03 -1,398 03 -1,398 03 -1,398 03 -1,398 03	906.	34.000	27.1	5.953E-C1	43.19	-4. 46UE-01	-9.687E-04	533E		.359€	-2.952E-
34.200 27.1 \$.950E-01 43.10 -4.459E-01 34.200 27.1 \$.950E-01 43.06 -4.459E-01 34.600 27.1 \$.001E 00 42.99 4.459E-01 34.600 27.1 \$.001E 00 42.90 -4.459E-01 34.600 27.1 \$.001E 00 42.90 -4.459E-01 34.600 27.1 \$.001E 00 42.90 -4.459E-01 35.000 27.2 \$.001E 00 42.90 -4.459E-01 35.000 27.2 \$.001E 00 42.90 -4.459E-01 35.000 27.2 \$.001E 00 42.91 -4.459E-01 35.000 27.2 \$.001E 00 42.91 -4.459E-01 35.400 27.2 \$.001E 00 42.91 -4.459E-01 36.900 27.2 \$.001E 00 42.91 -4.459E-01 27.2 \$.001E 00 42.9	34,200 27,1 5,998-01 1-318-04 4,5318 C2 1,318 C2 1,318 C3	306.	34.100	27.1	9.587E-01	43.14	-4.460E-01	3.186E-04	530E		-1.359E 01	9.710E-03
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34.400 27.1 5.582E-01 43.04 -4.458E-01 34.500 27.0 1.001E 00 42.59 -4.459E-01 34.500 27.1 1.001E 00 42.59 -4.459E-01 34.500 27.1 1.001E 00 42.65 -4.459E-01 00 34.900 27.1 1.001E 00 42.65 -4.459E-01 00 34.900 27.0 1.001E 00 42.65 -4.459E-01 00 35.200 27.0 1.001E 00 42.69 -4.459E-01 00 35.200 27.0 5.69E-01 42.69 -4.459E-01 00 35.400 27.0 5.69E-01 42.51 -4.459E-01 00 35.400 27.0 5.69E-01 42.31 -4.459E-01 00 37.400 27.0 5.69E-01 42.51 -4.459E-01 00 37.400 27.0 5.69E-01 47.69E-01 47.69	34.400 27.1 \$\cdot \text{S12} = -01 \text{4.79} = -01 \text{-1.442} = -0356	.100	34.200	27.5	5.5E2F-01	43.06	-4.459E-01	-1.7816-03	387€		-1.359£ 01	-5.428F
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34,700 27.1 1.001E 00 42.90 -4.459E-01 34.900 27.0 1.001E 00 42.81 -4.459E-01 00 35.900 27.0 1.001E 00 42.81 -4.459E-01 00 35.900 27.0 1.001E 00 42.81 -4.459E-01 00 35.200 27.0 1.001E 00 42.84 -4.459E-01 00 35.200 27.0 1.001E 00 42.85 -4.459E-01 00 35.900 27.0 1.001E 00 42.85 -4.459E-01 00 35.400 27.0 1.001E 00 42.53 -4.459E-01 00 35.400 27.0 1.001E 00 42.53 -4.459E-01 00 35.400 27.0 1.001E 00 42.53 -4.459E-01 00 35.400 27.0 1.001E 00 42.51 -4.459E-01 00 35.400 27.0 1.001E 00 42.51 -4.459E-01 00 35.400 27.0 1.001E 00 42.51 -4.459E-01 00 35.400 27.0 1.001E 00 42.31 -4.459E-01 00 35.400 27.0 1.001E 00 42.31 -4.459E-01 00 35.400 27.0 1.001E 00 42.31 -4.459E-01 00 35.400 27.0 1.001E 00 42.11 -4.459E-01 00 37.400 27.0 1.001E 00 41.71 -4.459E-01 00 42.11 -4.	34,700 27.1 1.0016 00 42.99 -4.459E-01 -5.718E-04 4.5416 02 1.3766 03 -1.3596 34.900 27.0 1.0016 00 42.65 -4.459E-01 -6.241E-04 4.546E 02 1.3766 03 -1.3596 03 <td< td=""><td>004.</td><td>34.600</td><td>27.1</td><td>1.001E 00</td><td>45.55</td><td>-4.459E-01</td><td>-8.3746-04</td><td></td><td></td><td>-1.3598 01</td><td>-2.552E</td></td<>	004.	34.600	27.1	1.001E 00	45.55	-4.459E-01	-8.3746-04			-1.3598 01	-2.552E
34.800 27.0 1.001E 00 42.E5 -4.459E-01 00 35.200 27.0 1.001E 00 42.E9 -4.459E-01 00 35.200 27.C 1.001E 00 42.E9 -4.459E-01 00 35.200 27.C 5.68E-01 42.E9 -4.459E-01 00 35.200 27.C 5.68E-01 42.E9 -4.459E-01 00 35.400 27.C 5.68E-01 42.E9 -4.459E-01 00 35.400 27.C 5.68E-01 42.E9 -4.459E-01 00 35.400 27.C 5.69E-01 42.E9 -4.459E-01 00 36.200 27.C 5.69E-01 42.E9 -4.459E-01 00 36.400 26.5 1.002E 00 42.15 -4.459E-01 00 36.400 26.5 1.003E 00 42.15 -4.459E-01 00 37.000 26.5 1.003E 00 41.75 -4.459E-01 00 37.200 26.5 1.003E 00 41.76 -4.459E-01 00 37.200 26.5 1.003E 00 41.78 -4.459E-01 00 41.78 -4.459E-	34.800 27.0 1.0016 00 42.81 -4.458E-01 -1.285E-03 4.546E 02 1.305E 03 -1.359E 03 5.000 27.0 1.001E 00 42.81 -4.456E-01 -1.285E-03 4.541E 02 1.305E 03 -1.359E 03 5.000 27.0 5.95E-01 42.65 -4.459E-01 -1.141E-03 4.531E 02 1.301E 03 -1.359E 03 5.000 27.0 1.001E 00 42.82 -4.459E-01 -1.141E-03 4.531E 02 1.301E 03 -1.359E 03 5.000 27.0 1.001E 00 42.62 -4.459E-01 -1.141E-03 4.531E 02 1.359E 03 1.359E 03 5.000 27.0 1.001E 00 42.62 -4.459E-01 -1.141E-03 4.531E 02 1.359E 03 1.359E 03 5.000 27.0 1.001E 00 42.53 -4.459E-01 -1.141E-03 4.531E 02 1.359E 03 1.359E 03 5.000 27.0 1.001E 00 42.53 -4.459E-01 -1.141E-03 4.531E 02 1.359E 03 1.359E 03 5.000 27.0 1.001E 00 42.53 -4.459E-01 -1.141E-03 4.531E 02 1.359E 03 1.359E 03 5.000 27.0 1.001E 00 42.53 -4.459E-01 -1.141E-03 4.531E 02 1.359E 03 1.359E 03 5.000 27.0 1.001E 00 42.53 -4.459E-01 -1.141E-03 4.531E 02 1.359E 03 1.359E 03 5.000 27.0 1.001E 00 42.53 -4.459E-01 -1.141E-03 4.531E 02 1.359E 03 1.359E 03 5.000 27.0 1.001E 00 42.31 -4.459E-01 -1.141E-03 4.531E 02 1.359E 03 1.359E 03 5.000 27.0 1.001E 00 42.1 -4.459E-01 -1.171E-03 4.541E 02 1.359E 03 1.359E 03 5.000 27.0 1.001E 00 42.1 -4.459E-01 -1.171E-03 4.541E 02 1.359E 03 1.359E 03 5.000 27.0 1.001E 00 42.1 -4.459E-01 -1.171E-03 4.541E 02 1.359E 03 1.359E 03 5.000 27.0 1.001E 00 42.1 -4.459E-01 -1.101E-03 4.541E 02 1.359E 03 1.359E 03 5.000 27.0 1.001E 00 42.1 -4.459E-01 -1.1001E-03 4.551E 03 1.359E 03 1.35	. 500	34.700	27.1	1.001E 00	42.90	-4.4596-01	-5.3735-04			-1.359E 01	-1.638E-
35.400 27.0 1.001E 00 42.81 -4.459E-01 35.400 27.0 1.001E 00 42.84 -4.459E-01 35.400 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27	34,900 27.0 1,001E 00 42.81 -4,499E-01 -1,295E-03 4,54CE 02 1,305E 03 -1,395E 35,000 26.5 1,001E 00 42.64 -4,498E-01 -1,495E-03 4,54E 02 1,301E 03 -1,395E 35,200 27.0 5,952E-01 42.66 -4,458E-01 -1,495E-03 4,54E 02 1,301E 03 -1,395E 35,200 27.0 5,994E-01 42.66 -4,459E-01 -1,894E-03 4,53E 02 1,391E 02 1,395E 03 -1,395E 03 -	009.	34.800	27.6	1.0CLE 00	42.85	-4.458E-C1	-6.241E-04	176		-1.355E 01	-1.502E
35.000 26.5 1.001E 00 42.74 -4.460E-01 35.100 27.0 9.92E-01 42.69 -4.459E-01 00 35.200 27.0 9.92E-01 42.69 -4.459E-01 00 35.400 27.0 1.001E 00 42.62 -4.459E-01 00 35.400 27.0 1.001E 00 42.53 -4.459E-01 00 35.400 27.0 9.596E-01 42.53 -4.459E-01 00 35.400 27.0 9.596E-01 42.51 -4.459E-01 00 35.400 27.0 5.999E-01 42.31 -4.459E-01 00 35.400 27.0 5.59E-01 42.31 -4.459E-01 60 35.400 27.0 5.69E-01 42.31 -4.459E-01 60 37.400 27.0 5.69E-01 41.67 -4.459E-01 60 37.400 27.0 5.69E-01 41.67 -4.459E-01 60 37.400 27.0 6.69E-01 60 37.400 27.0	35,000 26.5 1.001E 00 42.74 -4.460E-01 -1.237E-03 4.541E 02 1.301E 03 -1.339E 35,200 27.6 9.68E-01 42.65 -4.459E-01 1.142E-03 4.531E 02 1.301E 03 -1.339E 35,300 27.6 9.68E-01 42.65 -4.459E-01 -1.227E-03 4.531E 02 1.301E 03 -1.339E 35,400 27.6 9.68E-01 42.55 -4.459E-01 -1.227E-03 4.531E 02 1.301E 03 -1.339E 35,400 27.6 9.68E-01 42.55 -4.459E-01 -1.454E-03 4.531E 02 1.259E 03 -1.359E 35,400 27.6 9.68E-01 42.51 -4.459E-01 -1.454E-03 4.531E 02 1.259E 03 -1.359E 35,400 27.6 9.68E-01 42.51 -4.459E-01 -1.454E-03 4.531E 02 1.259E 03 -1.359E 35,400 27.6 9.68E-01 42.45 -1.454E-03 4.531E 02 1.259E 03 -1.359E 35,400 27.6 9.68E-01 42.45 -1.454E-03 4.531E 02 1.259E 03 -1.359E 35,400 27.6 9.68E-01 42.45 -1.454E-03 4.531E 02 1.259E 03 -1.359E 35,400 27.6 9.68E-01 42.45 -1.454E-03 4.531E 02 1.259E 03 -1.359E 35,400 27.6 9.68E-01 42.45 -1.454E-03 4.531E 02 1.259E 03 -1.359E 36,000 27.6 9.68E-01 42.45 -1.454E-03 4.531E 02 1.259E 03 -1.359E 36,000 27.6 9.68E-01 42.45 -1.455E-01 -1.454E-03 4.531E 02 1.259E 03 -1.359E 36,000 27.6 9.68E-01 42.34 -4.459E-01 -1.454E-03 4.531E 02 1.259E 03 -1.359E 36,000 27.6 9.68E-01 42.34 -4.459E-01 -1.454E-03 4.531E 02 1.259E 03 -1.359E 36,000 27.6 9.68E-01 42.459E-01 -1.454E-03 4.544E 02 1.269E 03 -1.359E 36,000 27.6 9.68E-01 42.34 -4.459E-01 -1.454E-03 4.541E 02 1.269E 03 -1.359E 36,000 27.6 9.68E-01 42.34 -4.459E-01 -1.454E-03 4.541E 02 1.269E 03 -1.359E 36,000 27.6 9.68E-01 42.54 -4.459E-01 -1.454E-03 4.541E 02 1.269E 03 -1.359E 36,000 27.6 9.68E-01 42.54 -4.459E-01 -1.454E-03 4.541E 02 1.269E 03 -1.359E 36,000 27.6 9.68E-01 41.67 -4.459E-01 -1.454E-03 4.541E 02 1.269E 03 -1.359E 37,000 28.5 1.002E 00 41.59 -01 -1.454E-03 4.541E 02 1.279E 03 -1.359E 37,000 28.5 1.002E 00 41.59 -01 -1.454E-03 4.541E 02 1.279E 03 -1.359E 37,000 28.5 1.002E 00 41.59 -01 -1.454E-03 4.541E 02 1.279E 03 -1.359E 37,000 28.5 1.002E 00 41.59 -01 -1.454E-03 4.541E 02 1.279E 03 -1.359E 37,000 28.5 1.003E 00 41.59 -01 -1.454E-03 4.541E 02 1.279E 03 -1.359E 37,000 28.5 1.003E 00 41.59 -01 -1.454E-03 4.541E 02 1.279E 03 -1.359	. 700	34.900	27.0	1.001E 00	18.75	-4.459E-01	-1.285E-03			.359E	-3.928F-02
35.100 27.C 9.92E-01 42.69 -4.459E-01 00 35.200 27.C 9.98E-01 42.66 -4.459E-01 00 35.200 27.C 1.000E 01 42.66 -4.459E-01 00 35.200 27.C 1.000E 01 42.58 -4.459E-01 00 35.400 27.C 1.001E 00 42.53 -4.459E-01 00 35.400 27.C 1.001E 00 42.53 -4.459E-01 00 35.400 26.C 1.001E 00 42.51 -4.459E-01 00 35.400 27.C 5.99E-01 42.31 -4.459E-01 00 35.900 27.C 5.95E-01 42.31 -4.459E-01 00 35.900 27.C 5.65E-01 42.25 -4.459E-01 42.51 -4.459E-01 00 35.900 27.C 5.65E-01 42.25 -4.459E-01 42.51 -4.459E-01	35.200 27.6 9.932E-01 42.69 -4.459E-01 -1.141E-03 4.531E 02 1.301E 03 -1.359E 35.200 27.6 1.606E-01 42.65 -4.459E-01 -1.141E-03 4.531E 02 1.301E 03 -1.359E 35.200 27.6 1.606E-01 42.65 -4.459E-01 -1.816E-03 4.531E 02 1.576E 03 -1.359E 35.400 27.6 1.601E 00 42.53 -4.459E-01 -1.816E-03 4.531E 02 1.259E 03 -1.359E 35.400 27.6 1.601E 00 42.53 -4.459E-01 -1.656E-03 4.535E 02 1.259E 03 -1.359E 35.400 27.6 27.4 -4.459E-01 -1.656E-03 4.535E 02 1.259E 03 -1.359E 35.400 27.6 27.4 -4.459E-01 -1.656E-03 4.535E 02 1.259E 03 -1.359E 35.400 27.6 47.59E-01 -1.656E-03 4.535E 02 1.256E 03 -1.359E 36.200 27.7 47.59E-01 -1.656E-03 4.536E 02 1.256E 03 -1.359E	. 806	35.000	56.5	1.0015 00	42.74	-4.460E-01	-1.295E-03			-1.355E 01	-3.946E-
35.200 27.C 9.88E-01 42.66 -4.458E-01 35.300 35.300 27.C 1.0002 00 42.65 -4.458E-01 00 35.400 27.C 1.0002 00 42.53 -4.459E-01 00 25.400 27.C 1.0015 00 42.53 -4.459E-01 00 35.400 27.C 5.959E-01 42.41 -4.459E-01 00 35.400 27.C 5.959E-01 42.41 -4.459E-01 00 35.400 27.C 5.959E-01 42.31 -4.459E-01 00 35.400 26.5 1.002E 00 42.15 -4.459E-01 00 35.400 26.5 1.003E 00 42.15 -4.459E-01 00 35.400 26.5 1.003E 00 42.15 -4.459E-01 00 37.400 26.5 1.003E 00 42.15 -4.459E-01 00 37.400 26.5 1.003E 00 41.76 -4.459E-01 00 37.400 26.5 1.003E 00 41.77 -4.459E-01 00 41.77 -4.	35.200 27.C 9.588E-01 42.66 -4.458E-01 -1.143E-03 4.531E 02 1.370E 03 -1.359E 35.300 27.C 9.598E-01 42.65 -4.459E-01 -1.809E-03 4.531E 02 1.256E 03 -1.359E 35.400 27.C 9.594E-01 42.51 -4.459E-01 -1.183E-03 4.535E 02 1.256E 03 -1.359E 35.400 27.C 5.595E-01 42.51 -4.459E-01 -1.183E-03 4.535E 02 1.256E 03 -1.359E 35.400 27.C 5.596E-01 42.459E-01 -1.015E-03 4.535E 02 1.256E 03 -1.359E 35.400 27.C 5.596E-01 42.459E-01 -1.015E-03 4.535E 02 1.256E 03 -1.359E 35.400 27.C 5.596E-01 42.37 -4.459E-01 -1.015E-03 4.535E 02 1.256E 03 -1.359E 35.400 27.C 5.596E-01 42.37 -4.459E-01 -1.015E-03 4.535E 02 1.256E 03 -1.359E 35.400 27.C 5.596E-01 42.37 -4.459E-01 -1.015E-03 4.535E 02 1.256E 03 -1.359E 36.200 27.C 5.596E-01 42.37 -4.459E-01 -1.015E-03 4.535E 02 1.256E 03 -1.359E 36.200 27.C 5.596E-01 42.26 -4.459E-01 -1.015E-03 4.535E 02 1.256E 03 -1.359E 36.200 27.C 5.596E-01 42.26 -4.459E-01 -1.004E-03 4.536E 02 1.256E 03 -1.359E 36.200 27.C 5.596E-01 42.59E-01 -1.004E-03 4.536E 02 1.256E 03 -1.359E 36.200 27.C 5.596E-01 42.59E-01 -1.004E-03 4.536E 02 1.256E 03 -1.359E 36.200 27.C 5.596E-01 -4.459E-01 -1.004E-03 4.549E 02 1.256E 03 -1.359E 37.000 26.5 1.003E 00 41.92 -4.459E-01 -1.004E-03 4.549E 02 1.276E 03 -1.359E 37.000 26.5 1.003E 00 41.87 -4.459E-01 -1.004E-03 4.549E 02 1.276E 03 -1.359E 37.000 26.5 1.003E 00 41.87 -4.459E-01 -1.004E-03 4.549E 02 1.276E 03 -1.359E 37.000 26.5 1.003E 00 41.87 -4.459E-01 -1.004E-03 4.549E 02 1.276E 03 -1.359E 37.000 26.5 1.003E 00 41.87 -4.459E-01 -1.004E-03 4.549E 02 1.276E 03 -1.359E 37.000 26.5 1.003E 00 41.87 -4.459E-01 -1.004E-03 4.549E 02 1.276E 03 -1.359E 37.000 26.5 1.003E 00 41.87 -4.459E-01 -1.004E-03 4.549E 02 1.276E 03 -1.359E 37.000 26.5 1.003E 00 41.87 -4.459E-01 -1.004E-03 4.549E 02 1.276E 03 -1.359E 37.000 26.5 1.003E 00 41.87 -4.459E-01 -1.004E-03 4.549E 02 1.276E 03 -1.359E 37.000 26.5 1.003E 00 41.87 -4.459E-01 -1.004E-03 4.549E 02 1.276E 03 -1.359E 10	.900	35.100	27.5	6.952E-01	45.69	-4.459E-01	8.6136-05			-1.3596 01	2.625E-
35.400 27.C 1.00000 00 42.62 4.459E-01 00 35.400 27.C 1.0010 00 42.51 4.460E-01 00 35.400 27.C 1.001E 01 42.53 4.459E-01 00 35.400 27.C 5.999E-01 42.51 4.459E-01 00 35.400 27.C 5.999E-01 42.44 4.459E-01 00 35.400 27.C 5.999E-01 42.41 4.459E-01 00 35.400 27.C 5.999E-01 42.31 4.459E-01 00 36.200 27.C 5.99E-01 42.31 4.459E-01 00 36.200 27.C 5.65E-01 42.31 4.459E-01 00 36.200 27.C 5.65E-01 42.31 4.459E-01 00 36.200 27.C 5.65E-01 42.31 4.459E-01 00 36.200 26.5 1.002E 00 42.21 4.459E-01 6.600 26.5 1.002E 00 42.21 4.459E-01 6.600 26.5 1.003E 00 42.05 4.459E-01 6.600 26.5 1.003E 00 42.05 4.459E-01 6.600 36.500 26.5 1.003E 00 41.63 4.459E-01 6.600 37.000 26.5 1.002E 00 41.63 4.650E-01 6.600E-01	35.100 27.0 1.0000 00 42.62 4.4590 1 -1.8090 0 4.5310 02 1.2590 03 -1.3590 03 27.0 1.0010 00 42.53 -4.4590 1 -1.8090 02 1.2590 02 1.2590 03 -1.3590 02 27.0 1.0010 00 42.53 -4.4590 01 1.4540 03 4.5350 02 1.2590 03 -1.3590 03 27.0 27.0 27.0 27.0 27.0 4.4590 01 1.4540 03 4.5350 02 1.2590 03 -1.3590 03 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0	.000	35.200	27.0	10-3885-6	45.66	-4.458E-01	-1.1436-03				-3.484E-02
35.400 27.0 9.995.01 42.58 -4460E-01 00 35.400 27.0 9.995.01 42.44 -4459E-01 00 35.400 27.0 27.0 9.995.01 42.44 -4459E-01 00 35.400 27.0 27.0 5.995.01 42.44 -4459E-01 00 35.400 27.0 5.995.01 42.41 -4459E-01 00 35.400 27.0 5.995.01 42.31 -4459E-01 00 35.400 27.0 5.995.01 42.31 -4459E-01 00 35.400 27.0 5.995.01 42.31 -4459E-01 00 36.200 27.0 5.995.01 42.31 -4459E-01 00 36.200 27.0 5.995.01 42.26 -4459E-01 00 36.200 26.5 1.002E 00 42.11 -4459E-01 00 36.400 26.5 1.003E 00 42.11 -4459E-01 00 36.400 26.5 1.003E 00 42.11 -4459E-01 00 36.400 26.5 1.003E 00 41.59 -4459E-01 00 37.400 26.5 1.002E 00 41.69 -4459E-01 00 37.400 26.5 1.002E 00 41.69 -4459E-01 00 37.400 26.5 1.002E 00 41.69 -4459E-01 00 37.400 26.5 1.002E 00 41.89 -4459E-01 00 37.400 26.5 1.002E 00 41.78 -4459E-01 00 37.400 26.5 1.002E 00 41.88	35.400 27.0 1.0016 00 42.53 -4.4606 01 -1.2176 03 4.5338 02 1.2588 03 -1.3598 35.400 27.0 27.0 1.0016 00 42.51 -4.4596 01 -1.6586 03 4.5338 02 1.2588 03 -1.3598 35.700 27.0 5.995 01 42.51 -4.4596 01 -1.6586 03 4.5358 02 1.2588 03 -1.3598 35.700 27.0 5.995 01 42.51 -4.4596 01 -1.6186 03 4.5358 02 1.2588 03 -1.3598 35.700 27.0 5.998 01 42.31 -4.4596 01 -1.6186 03 4.5358 02 1.2598 03 -1.3598 35.700 27.0 5.986 01 42.31 -4.4596 01 -1.6186 03 4.5358 02 1.2598 03 -1.3598 35.700 27.0 5.986 01 42.31 -4.4596 01 -1.6186 03 4.5358 02 1.2598 03 -1.3598 36.700 27.0 5.986 01 42.31 -4.4596 01 -1.6186 02 1.2888 03 -1.3598 36.700 26.5 1.0026 00 42.11 -4.4596 01 -1.1186 02 1.2888 03 -1.3598 36.700 26.5 1.0026 00 42.11 -4.4596 01 -1.1186 02 1.2888 03 -1.3598 36.700 26.5 1.0036 00 42.15 -4.4596 01 -1.0046 02 1.2888 02 1.2888 03 -1.3598 36.700 26.5 1.0036 00 41.54 -4.4596 01 -1.0046 02 1.2888 02 1.2888 03 -1.3598 36.700 26.5 1.0036 00 41.54 -4.4596 01 -1.0046 02 1.2888 02 1.2888 03 -1.3598 37.700 26.5 1.0036 00 41.54 -4.4596 01 -1.0046 02 1.2888 02 1.2888 03 -1.3598 37.700 26.5 1.0036 00 41.54 -4.4596 01 -1.0046 02 1.2888 02 1.2888 02 1.2888 02 1.2888 03 -1.3598 37.700 26.5 1.0036 00 41.54 -4.4596 01 -1.0046 02 1.2888 02 1.2888 02 1.2888 03 -1.3598 37.700 26.5 1.0036 00 41.54 -4.4596 01 -1.0046 02 1.2888 02	001.	35.300	27.5	1.000= 00	42.62	-4.459E-01	-1.8091-03				-5.513F
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10 35.500 27.6 5.500 42.51 44.59F-01 42.34 44.59F-	35.700 27.0 5.99F-01 42.31 -4.459F-01 -1.013E-03 4.53fE 02 1.29fE 03 -1.359E 35.900 27.0 5.998F-01 42.34 -4.459F-01 4.549E-03 4.53fE 02 1.29fE 03 -1.359E 35.200 27.0 5.998F-01 42.34 -4.459F-01 4.549E-04 4.53fE 02 1.29fE 03 -1.359E 35.200 27.0 5.998F-01 42.34 -4.459F-01 -1.154F-03 4.53fE 02 1.29fE 03 -1.359E 35.200 27.0 5.998F-01 42.36 -4.459F-01 -1.154F-03 4.53fE 02 1.29fE 03 -1.359E 35.400 25.5 1.002E 00 42.15 -4.459F-01 -1.104F-03 4.54fE 02 1.28fE 03 -1.359E 35.400 25.5 1.003E 00 42.15 -4.459F-01 -1.004F-03 4.54fE 02 1.28fE 03 -1.359E 35.400 25.5 1.003E 00 41.56 -4.459F-01 -1.004F-03 4.54fE 02 1.28fE 03 -1.359E 37.000 25.5 1.002E 00 41.57 -4.459F-01 -1.004F-03 4.559E 02 1.279E 03 -1.359E 37.000 25.5 1.002E 00 41.67 -4.459F-01 -1.004F-03 4.559E 02 1.279E 03 -1.359E 37.000 25.5 1.002E 00 41.83 -4.459F-01 -1.004F-03 4.559E 02 1.279E 03 -1.359E 37.000 25.5 1.002E 00 41.83 -4.459F-01 -1.004F-03 4.559E 02 1.279E 03 -1.359E 37.000 25.5 1.002E 00 41.83 -4.459F-01 -1.004F-03 4.559E 02 1.279E 03 -1.359E 37.000 25.5 1.002E 00 41.83 -4.459F-01 -1.459F-03 4.554E 02 1.279E 03 -1.359E 37.000 25.5 1.002E 00 41.83 -4.459F-01 -1.459F-03 4.554E 02 1.279E 03 -1.359E 37.000 25.5 1.002E 00 41.83 -4.459F-01 -1.459F-03 4.554E 02 1.279E 03 -1.359E 37.000 25.5 1.002E 00 41.84 -4.450F-01 -1.459F-03 4.554E 02 1.279E 03 -1.359E 37.000 25.5 1.002E 00 41.84 -4.450F-01 -1.459F-03 4.554E 02 1.279E 03 -1.359E 10 1.359E 10 1.003F 00 41.84 -4.450F-01 -1.450F-03 4.554E 02 1.279E 03 -1.359E 10 1.359E 10 1.003F 00 41.84 -4.450F-01 -1.450F-03 4.544E 02 1.279E 03 -1.359E 10 1.359E 10 1.35	2000	35.700	27.0	10-3666.5	45.44	-4.45BE-C1	-1.454E-03	535E		_	-4.432E-02
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100 36.200 27.0 5.455E-01 42.26 -4.459E-01 00 36.200 27.0 5.455E-01 42.26 -4.459E-01 00 36.200 26.5 1.002E 00 42.21 -4.459E-01 00 36.500 26.5 1.002E 00 42.15 -4.459E-01 00 36.500 26.5 1.003E 00 42.15 -4.459E-01 00 36.500 26.5 1.003E 00 42.15 -4.459E-01 00 36.500 26.5 1.003E 00 41.54 -4.459E-01 00 37.000 26.5 1.002E 00 41.56 -4.459E-01 00 37.000 26.5 1.002E 00 41.67 -4.459E-01 00 37.000 26.5 1.002E 00 41.68 -4.459E-01 00 37.000 26.5 1.002E 00 41.78 -4.459E-01 00 37.000 27.0 1.003E 00 41.78 -4.459E-01 00	36.200 27.C 5.65E-01 42.26 -4.459E-01 -6.638E-04 4.534E 02 1.288E 03 -1.359E 36.200 27.C 5.65E-01 42.21 -4.459E-01 -1.154E-03 4.544E 02 1.288E 03 -1.359E 36.200 26.5 1.002E 00 42.21 -4.459E-01 -1.154E-03 4.544E 02 1.289E 02 -1.359E 36.500 26.5 1.003E 00 42.11 -4.459E-01 -1.004E-04 4.535E 02 1.283E 03 -1.359E 36.500 26.6 1.003E 00 42.11 -4.459E-01 -1.004E-04 4.536E 02 1.283E 03 -1.359E 36.700 26.6 1.003E 00 41.56 -4.459E-01 -1.003E-09 4.548E 02 1.286E 03 -1.359E 37.000 26.5 1.002E 00 41.63 -4.459E-01 -1.604E-03 4.548E 02 1.276E 03 -1.359E 37.200 26.5 1.002E 00 41.78 -4.459E-01 -1.464E-03 4.548E 02 1.276E 03 -1.359E 37.200 26.5 1.003E 00 41.78 -4.459E-01 -1.4857E-03 4.559E 02 1.276E 03 -1.359E 37.200 26.5 1.003E 00 41.78 -4.450E-01 -1.4857E-03 4.554E 02 1.276E 03 -1.359E 37.200 26.5 1.003E 00 41.78 -4.460E-01 -1.4657E-03 4.541E 02 1.272E 03 -1.359E 37.400 26.5 1.003E 00 41.74 -4.460E-01 -1.467E-03 4.541E 02 1.272E 03 -1.359E	306	26.100	27.6	C. CARE-01	42.11	-4-450F-01	4.580F-04			1. 1666 01	1 3946-0
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100 36.400 26.5 1.002F 00 42.15 -4.459F-C1 36.500 26.5 1.001F 00 42.11 -4.459F-C1 67 36.500 26.5 1.001F 00 42.05 -4.459F-C1 67 36.500 26.5 1.003F 00 41.59 -4.459F-C1 67 36.500 26.5 1.003F 00 41.67 -4.459F-C1 67 36.500 26.5 1.002F 00 41.67 -4.459F-C1 67 37.100 26.5 1.002F 00 41.78 -4.459F-C1 67 37.300 27.5 1.002F 00 41.78 -4.450F-C1 67 37.300 27.5 1.002F 00 41.78 2	36.400 26.5 1.002F 00 42.15 -4.459F-01 -1.177F-03 4.54F 02 1.225F 03 -1.359F 36.400 26.5 1.001E 00 42.11 -4.459F-01 -1.004F-04 4.55F 02 1.225F 03 -1.359F 36.600 26.5 1.003F 00 41.59 -4.459F-01 -1.004F-03 4.55F 02 1.226F 03 -1.359F 36.700 26.9 1.003F 00 41.56 -4.459F-01 -1.003F-03 4.55F 02 1.275F 03 -1.359F 37.000 26.5 1.002F 00 41.57 -4.459F-01 -1.464F-03 4.55F 02 1.279F 03 -1.359F 37.000 26.5 1.002F 00 41.78 -4.459F-01 -1.464F-03 4.55F 02 1.279F 03 -1.359F 37.200 26.5 1.002F 00 41.78 -4.459F-01 -1.4857F-03 4.55F 02 1.279F 03 -1.359F 37.200 26.5 1.002F 00 41.78 -4.450F-01 -1.507F-03 4.55F 02 1.279F 03 -1.359F 37.200 26.5 1.003F 00 41.78 -4.450F-01 -1.4857F-03 4.55F 02 1.279F 03 -1.359F 37.200 26.5 1.003F 00 41.78 -4.450F-01 -1.4857F-03 4.54FF 02 1.279F 03 -1.359F 03 -1.3	100	36.300	24.5	1.002F 00	42.21	-4-458E-01	-1.1546-03			-1.3596 01	-3.5176-02
36.500 26.5 1.001E 00 42.11 -4.459E-C1 36.600 26.5 1.003E 00 42.05 -4.459E-C1 00 36.700 26.5 1.003E 00 42.05 -4.459E-C1 00 36.700 26.5 1.003E 00 41.59 -4.459E-C1 00 37.000 26.5 1.002E 00 41.78 -4.459E-C1 00 37.300 27.0 1.003E 00 41.74 -4.450E-C1 00 37.300 27.0 1.003E 00 41.74 -4.450E-C1 00 41.74 -4.	36.500 26.9 1.0016 00 42.11 -4.459E-C1 -2.454E-04 4.535F G2 1.203F 03 -1.359E 36.600 26.5 1.003F 00 42.05 -4.459E-01 -1.004E-03 4.548E G2 1.202F 03 -1.359E 36.600 26.6 1.003E 00 41.59 -4.459E-01 -1.003E-03 4.540E G2 1.200E 03 -1.359E 36.600 26.9 1.003E 00 41.50 -4.459E-01 -1.444E-03 4.540E 02 1.279E 03 -1.359E 37.000 26.5 1.002E 00 41.87 -4.459E-01 -1.444E-03 4.540E 02 1.279E 03 -1.359E 37.000 26.5 1.002E 00 41.87 -4.459E-01 -1.464E-03 4.559E 02 1.279E 03 -1.359E 37.000 26.5 1.003E 00 41.87 -4.459E-01 -1.605E-03 4.559E 02 1.275E 03 -1.359E 37.000 26.5 1.003E 00 41.78 -4.450E-01 -1.507E-03 4.559E 02 1.272E 03 -1.359E 37.000 26.5 1.003E 00 41.78 -4.460E-01 -1.457E-03 4.554E 02 1.272E 03 -1.359E 37.400 26.5 1.003E 00 41.69 -4.460E-01 -1.467E-03 4.541E 02 1.272E 03 -1.359E	.200	36.400	26.5	1.00ZF 00	42.15	-4. 459E-C1	-1.1776-03				
00 36.700 26.5 1.0034 00 42.05 -4.459E-01 26.5 1.0034 00 42.05 -4.459E-01 26.5 1.005E 00 41.56 -4.459E-01 26.5 1.002E 00 41.59 -4.459E-01 00 37.000 26.5 1.002E 00 41.83 -4.459E-01 00 37.200 26.5 1.002E 00 41.78 -4.459E-01 00 37.300 26.5 1.002E 00 41.78 -4.459E-01 00 37.300 27.0 1.003F 00 41.74 -4.459E-01 00 37.400 26.5 1.003F 00 41.74 -4.459E-01 00 37.400 26.5 1.003F 00 41.74 -4.459E-01 00 37.400 27.0 1.003F 00 41.74 -4.459E-01 00 37.400 27.0 1.003F 00 41.74 -4.459E-01 00 41.74 -4.459E-01 00 41.74 -4.450E-01 00 41.74 -4.	36.600 26.5 1.003F 00 42.05 -4.459F-01 -1.004E-03 4.548F 02 1.287E 03 -1.359E 36.700 26.5 1.605E 00 41.59 -4.459F-01 -7.909E-04 4.557E 02 1.280E 03 -1.359E 36.700 26.5 1.605E 00 41.56 -4.459F-01 -1.404E-03 4.548F 02 1.279E 03 -1.359E 37.800 26.5 1.602E 00 41.83 -4.459E-01 -1.464E-03 4.535E 02 1.279E 03 -1.359E 37.800 26.5 1.602E 00 41.83 -4.459E-01 -1.004E-04 4.535E 02 1.279E 03 -1.359E 37.800 26.5 1.602E 00 41.78 -4.459E-01 -1.857E-03 4.559E 02 1.279E 03 -1.359E 37.800 27.0 1.003F 00 41.78 -4.460E-01 -1.507E-03 4.554E 02 1.272E 03 -1.359E 37.400 26.5 1.603F 00 41.69 -4.460E-01 -1.467E-03 4.541E 02 1.272E 03 -1.359E	. 100	36.500	24.9	1.001E 00	42.11	-4.459E-C1	-2.454E-04	536E			-7.480F-03
00 36.700 26.6 1.0056 00 41.59 -4.4596-01 00 36.500 26.9 1.0026 00 41.56 -4.4596-01 00 37.000 26.5 1.0026 00 41.87 -4.4596-01 00 37.200 26.5 1.0026 00 41.83 -4.4596-01 00 37.200 26.5 1.0026 00 41.78 -4.4596-01 00 37.300 27.0 1.0036 00 41.78 -4.4596-01	36.700 26.6 1.0056 00 41.59 -4.4596-01 -7.9096-04 4.5576 02 1.2006 03 -1.3596 36.500 26.9 1.0036 00 41.56 -4.4596-01 -1.0036-03 4.5466 02 1.2766 03 -1.3596 36.500 26.5 1.0026 00 41.67 -4.4596-01 -1.00466-03 4.5356 02 1.2766 03 -1.3596 37.100 26.5 1.0026 00 41.83 -4.4596-01 -1.00466-03 4.5356 02 1.2766 03 -1.3596 37.200 26.5 1.0026 00 41.83 -4.4596-01 -1.0046-03 4.5506 02 1.2766 03 -1.3596 37.200 26.5 1.0036 00 41.78 -4.4506-01 -1.5076-03 4.5596 02 1.2726 03 -1.3596 37.400 26.5 1.0036 00 41.69 -4.4606-01 -1.4076-04 4.5416 02 1.2726 03 -1.3596	304.	36.600	26.5	1.003+ 00	42.05	-4.459E-01	-1.004E-03	548E			-3.059E-02
00 36.800 26.9 1.003E 00 41.56 -4.59E-01 -01.56 00 37.000 26.5 1.002E 00 41.92 -4.59E-01 -01.500 37.200 26.5 1.002E 00 41.78 -4.59E-01 -01.500 27.0 1.003E 00 41.74 -4.50E-01 -01.500 27.0 1.500 27	36.800 26.9 1.003F 00 41.96 -4.459E-01 -1.003E-03 4.548E 02 1.279E 03 -1.359E 37.000 26.5 1.002E 00 41.92 -4.459E-01 -1.646E-03 4.535F 02 1.274E 03 -1.359E 37.000 26.5 1.002E 00 41.83 -4.459E-01 1.0046E-03 4.535F 02 1.274E 03 -1.359E 37.200 26.5 1.002E 00 41.83 -4.459E-01 -1.857E-03 4.559E 02 1.275E 03 -1.359E 37.200 26.5 1.003F 00 41.78 -4.460E-01 -1.507E-03 4.554E 02 1.272E 03 -1.359E 37.300 27.0 1.003F 00 41.74 -4.460E-01 -1.507E-03 4.546E 02 1.272E 03 -1.359E 37.400 26.5 1.003F 00 41.66 -4.460E-01 -1.407E-03 4.546E 02 1.272E 03 -1.359E	1.500	36.700	24.€	1.CCSE 0C	41.59	-4.459E-01	-7.909E-04	378¢		-1.359E 01	-2.4116-02
100 37.000 26.5 1.002E 00 41.92 -4.459E-01 - 100 37.000 26.5 9.558E-01 41.87 -4.459E-01 - 100 37.100 26.5 1.002E 00 41.83 -4.459E-01 - 100 37.200 26.5 1.002E 00 41.78 -4.459E-01 - 100 37.400 27.0 1.003E 00 41.74 -4.460E-01 - 100 37.400 27.0 1.003E 00 41.74 -4.460E-01 -	36.500 26.5 1.002F 0C 41.92 -4.459E-01 -1.644E-03 4.545F C2 1.278E C3 -1.359E 37.000 26.5 1.002F 00 41.87 -4.459E-01 -1.046EE-03 4.535F 02 1.276E 03 -1.359E 37.200 26.5 1.002F 00 41.78 -4.459E-01 -1.4857E-03 4.550F 02 1.273E C3 -1.359E 37.200 26.5 1.003F 00 41.78 -4.450E-01 -1.507E-03 4.550F 02 1.272E 03 -1.359E 37.300 27.0 1.003F 00 41.74 -4.460E-01 -1.507E-03 4.548E 02 1.272E 03 -1.359E 37.400 26.5 1.003F 00 41.64 -4.460E-01 -1.427E-03 4.541E 02 1.272E 03 -1.359E	909.	36.800	56.9	1.003E 00	41.96	-4.459E-01	-1.003E-03	548E		-1.359E 01	-3.057E-
00 37.000 26.5 9.558E-01 41.87 -4.459E-01 - 00 37.100 26.5 1.002E 00 41.83 -4.459E-01 - 00 37.200 26.5 1.003F 00 41.78 -4.459E-01 - 00 37.400 27.0 1.003F 00 41.74 -4.460E-01 -	37.000 26.5 9.558E-01 41.87 -4.459E-01 -1.064E-03 4.535E 02 1.274E 03 -1.37.100 26.5 1.002E 00 41.83 -4.459E-01 5.291E-04 4.543E 02 1.275E 03 -1.37.200 26.5 1.002E 00 41.78 -4.459E-01 -1.857E-03 4.550E 02 1.272E 03 -1.37.300 27.0 1.003E 00 41.74 -4.460E-01 -1.507E-03 4.549E 02 1.272E 03 -1.37.400 26.5 1.003E 00 41.69 -4.460E-01 -1.0776E-03 4.549E 02 1.277E 03 -1.37.500 26.5 1.003E 00 41.64 -4.460E-01 -1.0776E-03 4.549E 02 1.277E 02 -1.37.500 26.5 1.003E 00 41.64 -4.460E-01 -1.0776E-03 4.549E 02 1.277E 03 -1.37.500 26.5 1.003E 00 41.64 -4.460E-01 -1.0776E-03 4.549E 02 1.277E 03 -1.37.500 26.5 1.003E 00 41.64 -4.460E-01 -1.0776E-03 4.549E 02 1.277E 03 -1.37.500 26.5 1.003E 00 41.64 -4.460E-01 -1.0776E-03 4.549E 02 1.277E 03 -1.3760E 03 -1.3760E-03 4.540E-04	397.	36.500	26.5	1.002F 00	41.92	-4.459E-01	-1.6466-03	545F	1.27EE C3	-1.359E G1	-5.017F
00 37.100 76.5 1.002E UO 41.83 -4.459E-G1 - 100 37.200 26.5 1.003F UO 41.78 -4.459E-01 - 100 37.400 27.0 1.003F UO 41.74 -4.460E-01 - 100 37.400 27.0 1.003F UO 41.74 -4.460E-01 -	37.100 26.5 1.002E U0 41.83 -4.459E-G1 5.29IE-04 4.543E G2 1.275E G3 -1. 37.200 26.5 1.003F U0 41.78 -4.459E-01 -1.857E-03 4.550E G2 1.272E G3 -1. 37.300 27.0 1.003F U0 41.74 -4.460E-01 -1.507E-03 4.548E G2 1.272E G3 -1. 37.400 26.5 1.003E U0 41.69 -4.460E-01 -1.077E-03 4.541E G2 1.271E G3 -1.	.800	37.000	5.92	6.99E-01	41.87	-4.459E-C1	-1.064E-03	535E	1.276£ 03	-1.359£ 01	-3.24BE-
00 37.200 26.5 1.003F 00 41.78 -4.459E-01 -1.857 00 37.300 27.0 1.003F 00 41.74 -4.460E-01 -1.507 00 37.400 27.0 1.003F 00 41.74 -4.460E-01 -1.7507	37.200 26.5 1.603F 00 41.78 -4.459F-01 -1.857F-03 4.550F 02 1.272E C3 -1.37.500 27.0 1.003F 00 41.74 -4.460E-01 -1.507E-03 4.548E 02 1.272E 03 -1.37.400 26.5 1.003F 00 41.69 -4.460E-01 -1.6776-03 4.546F 02 1.272E 03 -1.3740 26.5 1.003F 00 41.69 -4.460E-01 -1.6776-03 4.546F 02 1.274E 03 -1.3740 26.5 1.003F 00 41.69 -4.460E-01 -1.472F-04 4.541F 02 1.274F 03 -1.3740 03 -1.37	306	37.100	5.92	1.002E 00	41.83	-4.459E-01	\$.291E-04		1.275E 03	359E	1.613F
37.300 27.0 1.003F 00 41.74 -4.460E-01 -1.507	37.300 27.0 1.003F 00 41.74 -4.460E-01 -1.507E-03 4.548E 02 1.272E 03 -1.37.400 26.5 1.003F 00 41.69 -4.460E-01 -1.675E-03 4.548E 02 1.272E 03 -1.375.00 26.5 1.003F 00 41.69 -4.460E-01 -1.275E-03 4.548E 02 1.272E 03 -1.375.00 26.5 1.003F 00 41.69 -4.460E-01 -1.275E-03 4.548E 02 1.272E 03 -1.375E	000	37.200	26.5	1.003 00	41.78	-4.459E-01	-1.857E-03		1.273E C3	-1.359E 01	-5.661E-02
27. 40. 27. 40. 2. 41. 40 41. 40 2. 41. 40 2. 41. 41. 41. 41. 41. 41. 41. 41. 41. 41	37.40G 26.5 1.003E 00 41.69 -4.460E-01 -1.675E-03 4.545E G2 1.21E 02 -1.	001	37.300	27.0	1.0035 00	41.14	-4.460E-01	-1.507E-03	248E		-1.360E 01	-4.594E-
10-1001-1- 00-11- 00 3600-1	37.500 26.6 1.601. 00 41.64 -4.4605-01 -1.1425-04 4.5415 02 1.2665 03 -1.	. 200	:.	5.92	1.003€ 00	41.69	-4.460E-01	-1.075E-03	546E	371E	-1.355E 01	-3.290E-02

EXPERIMENTAL CATA

VARIABLE LENGTH CABLE SYSTEPS DYNAMICS

ACOR TIME	1 * CN	ANGLE	NG ISKS	LF NC. IH	ALL DC 13A	Acce.	IENSILA	LENGIL	AFFORIA	Accet.
SEC	SEC	DEG	1.83	FT	FT/SEC	FT/SEC/SEC	CRAP	*5	CP/SEC	CW/SEC/SEC
004.	37.600	27.6	£75-	41.62	-4.459F-C1	-3.425F-04	4.53GE 02	1.265E 03	359€	-1.044E-0
45.500	37.700	26.5		41.58	-4.459E-01	-6.132E-04	4.537E 02	1.267E 03	-1.359E 01	-1.869E-02
009-54	37.600	27.5	w	41.52	-4.458E-C1	-8-101E-04			-1.359E 01	-2.469E-02
. 700	37.900	5.92	m	41.48	-4.460E-01	-1.210E-03				•
49.800	38.000	54.5		41.43		-1.4436-03	4.517E 02		-1.359E 01	-4.398E-02
006	39.100	3492	C-571E-01	41.38		4.437E-04			.359E	1.352E-0
900.	38.200	2€.₽	1.001F 00	41.32		-1.585E-03	.54CE			-6.063E-02
001.	38.300	3€9€		41.28	-4.461E-01	-1.7926-03		1.258E 03	-1.36CE 01	-5.46 IE-02
20.200	38.400	5.92	1.001E 00	41.25	-4.461E-01	-1.604E-03		1.2576 03	-1.360E 01	-4.888E-02
306.	38.500	5.92		41.19	-4.461E-01	-1.033E-03		1.255E 02		-3.148E-0
004.	38.600	26.8	5.	41.15	-4.462E-01	-5.065E-04		1.254E 03		-1.544E-02
.500	38.700	3.92		41.12	-4.461E-01	-7.424E-04	. 534E	365		-2.263E-02
50.600	39.800	26.5	w	41.09	-4.461E-01	-1.094E-03			-1.36CE 01	-3.334E-02
20.700	38.900	27.6		41.03	-4.460E-01	-1.120E-03		1.251E 03		-3.415F-02
.900	35.000	56.5	0	85.04	-4.462F-01	-1.025E-03				-3.125E-02
20.900	39.100	26.5	.99	40.54	-4.459E-C1	1.2416-03		1.248E 03		3.782E-02
.000	35.200	26.9	5	40.90	-4.458E-C1	-1.7c1E-03				-5.186E-02
100	35.300	5.92	175	40.86		-1.329E-03		1.245E 03		-4.051E-02
.200	35.400	56.5		40. 62	-4.461E-G1	-1.487E-03		_	-1.360E 01	-4.532E-02
.300	39.500	56.5	_	40.75		-6.E77E-04	. 523E	1.2426 03		-2.096E-0
204.	35.600	26.5		40.71	-4.462E-01	-6.4745-04		1.2416 63		-1.973E-0
000016	39.700	26.5		99-06	-4.462E-01	-1.80 /E-04			3006	-2.379F-02
2000	95.800	2007		40.39		-0-6426-04		200	1.360	-2.025t-0
00/-	33.500	3,6	10-9/16-01	40.55	-4.4634-01	-1.07.35-03	4.5252 02	1.23ce 03	2005	-5.1011-02
300	40.100	26.6	9.577F-01	40.48	-4-4618-01	60-36-36-1-	4.524F 02	1.2346 03	10 3096-1-	2.0136-0
200	40.200	26.5		40-44		-1-1646-03	526E			-3-54PF-02
52.100	40.300	26.3	9.9745-01	40.40	-4-461E-01				360E	-4-678E-0
.200	46.400	26.5	9.972F-01	40.37		-1.954E-03		1.230E 03	-	-5.955E-02
.300	40.500	27.6		40.32	-4.463E-01	-1.042F-03			-1.360E 01	-3.175E-0
. 400	40.600	26.9		40.28	-4.463E-01	7.383E-05		1.22EE 03	-1.360E 01	2.250E-03
. 500	46.700	27.6	5.545E-01	40.22		-8-1961-04			. 36CE	-2.498F-0
209.	40.800	26.5		40.21		:		0		-4.690E-02
. 766	40.900	27.6	5.561E-01	40.17		-1.5746-03		0	1.360E	-4.796E-0
. 800	41.000	26.5		40.11		-4.4716-04		0		-1.363E-02
25.900	41.100	56.92	6	40.Ce		1.535E-03	. 528E	0	360€	4.6785-0
.000	41.200	5000	6.c88E-01	40.00		-1.3156-03	. 53 IE	0	.360E	-5.532F-0
100	41.300	26.5	·	39.51		-1.2498-03	-536€	1.218E 03	.360E	-3.807F-0
.200	41.400	56.92	9.584E-01	39.50	•	-1.652E-03		Zier 0	:	-5.034E-02
23.306	41.500	26.5		39.86	.463	-9.7346-04	\$ 5 3 E	0		-2.967E-0
53.400	41.600	27.6	5.938E-01	39.65	-4.464E-01	2.372F-04	.5CBE	3412	-	7.230F-03
.500	41.700	26.5	6.461E-01	39.80	-4.463E-01	-3.404E-04	.518E	213€	-1.360E 01	-1.03 EF-0
53.600	41.800	27.6	5.56 IE-01	39.74		-1.076E-03	3815.	1.:11E 03	-1.360E 01	-3.280F-02
53.700	41.500	27.0	9.985E-01	39.11	404	-2.004E-03	3625°	301		-6.109F-0
53. 80C	42.000	27.1	5.576F-01	30.66	-4-462 E-01	-9.666E-04	4-525F 02	1.2CSF C2	-1.360F 01	-2.946E-02
								ı		

EXPERIMENTAL DATA

VARIABLE LENGTH CARLE SYSTEPS DYNAMICS

1.0	31 AI									
4.	116	PAGE E	IE NOTE IN	11000	445.00	40001	LENSIEN	Lincia	A CE SE I II	*rrer.
386	250	neg.	LAS	11	F1/5fC	FT/SEC/SEC	4463	5	CP/SEC	CW/SEC/SEC
	42.200	27.1	9.9625-01	35.51	-4.463E-C1	-1.852F-03	4.51SE G2	1.2066 03	-1.360F 01	-5.767E-02
54.100 4	. 006.50	27.1	5. C 825 -01			-8-4835-04	4.528F 02	205F	-	-2.586F-02
	009-79	27.	=	19.56	-4-462F-01	-	3114	9.7	-1.3606 01	-4-31 SE-02
64.300 4	605.74	27.1	1	39.47	-4.403F-01	-5. 78SF-04			-1 -360F 01	-2.984F-02
	47.400	11:1	10-35,375	29.63	-4.464 5-01	-			-1.36CF 01	2.407E-02
	007-79	27.1	. 1	39.38	-4.462F-G1	1.5146-05	4.522E 02		-1.360F 01	5-834F-04
	67.800	27.1	1.2005 00	30 24	-4.4625-01	-1.7676-03			10 3098	-3-83 2E-03
50. 700	67.500	27.6	1.6705 00	30. 31	-4-4616-01		4.3366 02	1. 1686 (7	-1.36CE 01	- 5. C78E-02
	000 27	0 %	. 11	30 00	10 36 77	50-3196	77.36		3777	20116
	000	2002	00 30001	20. 20	10-100	1000000		200	10 2000-1-	20-1116-2-
	601.60	22.2		35.48	10-1104-4-	- (1015 16 03	-	3.4131-02
	43.500	71.1	1.00 -5 30.1	27.60	10-1664-6-	-2.350E-03	4.546E 02	315	-1.359E 01	-7.161F-02
	43.300	27.5	1.2025 00	39.56	-4.460E-01	-1.885F-03				-5.759E-02
55.20C	43.400	21.1		35.20	-4.461E-01	-1.612E-03	4.54.2E CZ	1.155E C3	-1.36CE 01	-4.513E-02
	43.500	27.1	u	39.15	-4.460E-01	-1.205E-03	4.547E 02	1.153E 03	-1.360E 01	-3.673F-02
	43.600	27.6	1.0€4€ 00	39.12	-4.462E-01	1.36 4E-03			-1.36CE 01	4.157E-02
	43.700	27.1	u	38.99	-4.449E-01	3.0495-04				9.293E-0
	43.800	27.0	u	28.63	-4.441E-01	-6.22 8E-04		1.1878 03	34E	-1.898F-0
	43.500	27.2		38.90	-4.442E-01	-1.275E-03	4.681E C2		~	-3.886E-02
+	44.000	27.1	u	38.84	-4. 439E-01	-2.857E-04				-8-709E-0
8	44.100	27.2		38.82	-4.439E-01	1.980E-03			-1.353£ 01	6.034F-0.
7	44.200	27.6	1.026E 00	38.79	-4.447E-01	-1.513E-03	.653E	1.1826 (3		-4.613F-02
	44.300	27.6	w	38.77	-4.455E-CL	-1.37 6E-03				-4.194E-02
56.200 4	44.400	5.92	w	38.70	-4.451E-01	-1.761E-03		3.	37E	-5.367E-02
	44.500	27.6	w	38.61	-4.446 E-01	-1.287E-03			35E	-3.921E-02
	000.44	27.5	-	38.56	-4.443E-01	1.279E-03			354€	3.898F-02
	44.700	27.5	w	38.57	-4.452E-01	-3.274E-04			.357E	-9.980E-03
-	44.600	5002	u:	38.51	-4.453E-01	-2.092E-03				-6.378E-02
Ī	006.44	20.5	1.027E 00	38.50	-4.457E-C1	-2.11CF-03		1.1726 03	388€	-6.430E-02
	45.600	27.1		34.50	-4.462E-01	-1.504E-04		-		-4.584E-03
56.900 4	45.109	27.5	1.020€ 00	38.47	-4.460E-01	1.448E-03	4.627E 02		-1.359£ 01	4.413E-02
	45.200	27.0		38.39	-4.458E-01	-2.200E-03		4	388€	-6.707E-02
A	45.300	27.1	u:	38.39	-4.463E-01	-1.6546-03		1.17CE 02	-1.36CE 01	-5.042E-02
200	45.400	27.6		38.34	-4.464F-01	-1.900E-03				-5.792E-02
	45.500	1.15	u.	38.28	-4.462E-G1	-1.525E-03	4.627E 02	1. 167E 03	-1.360E 01	-4.661E-0
	45.600	27.1		38.22	-4.458E-01	1.012E-03				3-084E-02
	45.700	27.1		38.20	-4.459E-C1	-2.133F-04			-1.359E 01	-6.501F-0
	45.800	27.6		33.15	-4.461E-01	-1.213E-03	4.658E G2	1.163E 03		-3.69EE-02
	45.900	27.6	u	39.10	-4.459E-01	-1.33 EE-03			-1.359E 01	-4.071F0
1	45.000	27.6	u:	38.03	-4.458E-01	5.6E7E-04	4.667E 02			1.734E-02
0.00	46.100	26.5		39.02	-4.459E-01	1.404E-03		1.159€ 03	-1.359E 01	4.28CE-02
000	46.200	56.9	41	37.54	-4.460E-01	-2.611E-03		1.157E 03	-1.360E 01	1.
100	46.300	2.20		37.92	-4.462E-01	-1.401E-03	4.634E 02	1.15¢E 03	-1.360E 01	-4.271E-02
200	46.400	21.6		27.89	-4.462E-01	-1.414F-03		1.155E C2	-1.36CE 01	-4.31 IE-02
300	46.500	27.0	w	37.84	-4.463F-C1	-1.748E-03			-1.360E 01	-5.328E-0
SE.40C	40.600	27.6		37.80	-4.4618-01	9.187E-04	4.65CE C2	1.1528 03	-1.360E 01	2.800E-0

EXPERIMENTAL DATA

VARTABLE LENGTH CABLE SYSTEMS DYNAMICS

The color of the												
5.F.C LAS FT JSEC FTJSEC FTJSEC <th>NC OK</th> <th>NON</th> <th>CSCL.</th> <th>z</th> <th></th> <th>HETH</th> <th>VELDCITY</th> <th>Attet.</th> <th>LENSICA</th> <th>LENCIA</th> <th></th> <th>ACLEL.</th>	NC OK	NON	CSCL.	z		HETH	VELDCITY	Attet.	LENSICA	LENCIA		ACLEL.
\$\$\text{\$\	TIME	1106	FACLE									
	SEC	SFC	996	185		11	FT/SEC	F1/SEC/SEC	CRAP	3	CP/SEC	CM/SEC/SEC
47.000 27.1 10.026 00 37.67 44.61E-01 -2.131E-03 4.6451 C2 11141 03 -1.310E 01 47.70E-01 47.70E-01 4.575E-01 4.575E-01 4.575E-02 11141 03 -1.310E 01 47.70E-01 27.0 10.025 00 37.53 44.50E-01 4.575E-03 4.575E 02 11141 03 -1.330E 01 47.40U 27.0 10.025 00 37.53 44.50E-01 4.50E-03 4.50E 02 11141 03 -1.330E 01 47.40U 27.0 10.025 00 37.54 44.50E-01 4.50E-03 4.50E 02 11141 03 -1.330E 01 47.40U 27.0 10.025 00 37.54 44.50E-01 4.50E-03 4.50E 02 11141 03 -1.330E 01 47.40U 27.0 10.025 00 37.54 44.50E-01 4.50E-03 4.50E 02 11141 03 -1.330E 01 47.50D 27.0 10.025 00 27.10 4.50E-01 4.50E-03 4.50E 02 11141 03 -1.330E 01 47.50D 27.0 10.025 00 27.10 4.50E-01 4.50E-03 4.50E 02 11141 03 -1.330E 01 47.50D 27.0 10.025 00 27.10 4.50E-01 4.50E-03 4.50E 02 11141 03 -1.330E 01 47.50D 27.10 10.025 00 27.10 4.50E-01 4.50E-03 4.50E 02 11141 03 -1.330E 01 47.50D 27.10 10.025 00 27.10 4.50E-01 4.50E-03 4.50E 02 11141 03 -1.330E 01 4.50E-03 4.5	58.500	40.800	27.6	26.		11.11	459E-	-1.721F-03	0	1.150E 0		
47.700	58.700	46.500	27.6	592		7.67	-4.461 E-01	~	3 3559.	1.148E 0	. 36 OE	
47.200 27.7 1.0275 00 37.58 -4.459F-01 -5.464F-04 -4.65F 02 1.14F 03 -1.359F 01 -4.450F-01 -4.459F-01 -4.449F-01 -4.449F	58.800	47.000	27.1	357		7.63		-4.75E-04	.64RE U	1.1476 0	.360E	
47.200 77.1 10.27 00 77.4 44.59E-01 2.334E-03 4.65E 02 114E 02 1.339E 04 47.500 77.4 1.027 00 77.4 4.65E 02 1.24E 02 1.25E 02 47.500 77.4 4.65E 02 4.65E 02 4.65E 02 47.500 77.4 4.65E 02 47.500 77.4 4.65E 02 4.65	58.900	47.100	27.5	352		1.58	4	5.6945-04	3 3354.	1.145E 0	.359E	
47.300 27.0 1.0267 00 37.41 -4406-01 -1.0106-03 4.066 02 1.141 03 1-1.359 0 1.457 4.7500 27.0 1.0267 00 37.41 -4406-01 -2.2866-03 4.066 02 1.141 03 1-1.359 0 1.457 4.7500 27.0 1.027 00 37.34 -4416-01 -2.2866-03 4.066 02 1.141 03 1-1.359 0 1.457 6.0 1.027 00 27.1 1.027 00 27.1 1.027 00 27.1 1.027 00 27.1 1.027 00 27.1 1.027 00 27.1 1.027 00 27.1 1.028 0 1.0	29.000	41.200	11.12	275		7.55	4.	-2.3348-03	.657E 0	354	359E	
47.500 277 1.0288 00 37.46 -4.451E-03 4.0761 02 1.1422 03 -1.3362 01 4.7500 277 1.0288 00 37.34 -4.459E-03 4.0766 02 1.1402 03 -1.3392 01 4.7500 277 1.0285 00 37.34 -4.459E-03 4.066 02 1.1362 02 1	59.100	47.300	27.0	362		15.7		-8.306E-04	. 666E 0	43E	359E	
7.500 27.7 10216 CC 27.404459 CC 2288 C-03 -4666 CZ 1136 CZ 1-1369 CZ 1-1360 CZ 1-1	55.200	47.400	27.0	285		7.46		-	. 561E 0	1.142F 0	360E	
1,000 1,00	59.300	47.500	27.6	315		7.40	3	N	0 766 0	1.1405	359F	
17.00 27.5 1.0275 0. 27.17 -4.4556 0. 1.1046 0. 1.1056 0. 1.10	000	47.600	27.0	100		34	1	8.292E-04	6666 0	200	-1 3506	2 627
47.000 2.5. 1.025 0.0 37.15 -44.65 0.0 1 -2.035 0.0 4.05 0.0 1.135	200	47 300						736717	, ,	300	3406	2 2005
47.000 2.5.5 1.0255 07 27.15 4.458E-01 2.039E-04 4.0516 02 1.1326 03 -1.3596 01 4.9100 2.5.5 1.0325 07 27.15 4.458E-01 2.039E-04 4.0516 02 1.1326 03 -1.3596 01 4.9100 2.5.5 1.0325 07 27.16 4.458E-01 1.652E-03 4.7616 02 1.1326 03 -1.3566 01 4.9200 2.7.5 1.0325 07 27.16 4.458E-01 1.652E-03 4.6616 02 1.1326 03 -1.3566 01 4.9200 2.7.5 1.0325 07 27.16 4.468E-01 1.1040E-03 4.0616 02 1.1316 03 1.1366 01 4.9200 2.7.5 1.0325 07 27.16 1	30000	001.14	30,7	"		. 33	•	+0-38+1·1-	0 3750.	ויוננר	- 360E	-3. 500E-
47.900 256.5 1.0386 00 37.16 -4.446-01 -2.2856-03 4.7776 02 1.1326 03 -1.3566 01 48.100 27.0 1.0256 00 37.14 -4.416-01 -1.656-03 4.0516 02 1.1326 03 -1.3666 01 48.100 27.0 1.0256 00 37.07 -4.426-01 -1.666-03 4.0516 02 1.1316 03 -1.3666 01 48.200 27.1 1.0256 00 37.07 -4.426-01 -1.666-03 4.0516 02 1.1316 03 -1.3666 01 48.200 27.1 1.0256 00 37.07 -4.426-01 -1.3466 02 1.1316 02 1.1316 03 -1.3666 01 48.200 27.1 1.0256 00 37.07 -4.426-01 -1.3466 02 1.1326 02 1.1326 03 -1.3666 01 48.200 27.1 1.0256 00 37.07 -4.426-01 1.1316-03 4.0616 02 1.1226 03 -1.3666 01 48.200 27.1 1.0256 00 36.83 -4.446-01 1.5616-03 4.0616 02 1.1226 03 -1.3666 01 48.200 27.1 1.0256 00 36.83 -4.4460-01 1.5616-03 4.0616 02 1.1226 03 -1.3666 01 48.200 27.1 1.0256 00 36.83 -4.4460-01 1.5616-03 4.0616 02 1.1226 03 -1.3666 01 48.200 27.1 1.0256 00 36.83 -4.4460-01 1.5616-03 4.0616 02 1.1226 03 -1.3666 01 49.200 27.1 1.0256 00 36.83 -4.4460-01 1.5616-03 4.0616 02 1.1226 03 -1.3666 01 49.200 27.1 1.0256 00 36.83 -4.4460-01 1.5616-03 4.0616 02 1.1226 03 -1.3666 01 49.200 27.1 1.0256 00 36.83 -4.4460-01 1.5616-03 4.0616 02 1.1226 03 -1.3666 01 4.4606-01 2.2416-03 4.0616 02 1.1226 03 -1.3666 01 4.4606-01 2.2416-03 4.0616 02 1.1126 03 -1.3666 01 4.4606-01 2.2416-03 4.0616 02 1.1126 03 -1.3666 01 4.4606-01 2.2416-03 4.0616 02 1.1126 03 -1.3666 01 4.4606-01 2.2416-03 4.0616 02 1.1126 03 -1.3666 01 4.4606-01 2.2416-03 4.0616 02 1.1126 03 -1.3666 01 4.4606-01 2.2416-03 4.0616 02 1.1126 03 -1.3666 01 4.4606-01 2.2416-03 4.0616 02 1.1126 03 -1.3666 01 4.4606-01 2.2416-03 4.0616 02 1.1126 03 -1.3666 01 4.4606-01 2.2416-03 4.7616 02 1.1026 03 -1.3666 01 2.2416-03 4.7616 02 1.1026 03 -1.3666 01 2.2416-03 4.7616 02 1.1026 03 -1.3666 01 2.2416-03 4.7616 02 1.1026 03 -1.3666 01 2.2416-03 4.7616 02 1.0026 03 -1.3666 01 2.2416-03 4.7616 02 1.0026 03 -1.3666 01 2.2416-03 4.7616 02 1.0026 03 -1.3666 01 2.2416-03 4.7616 02 1.0026 03 -1.3666 01 2.2416-03 4.7616 02 1.0026 03 -1.3666 01 2.2416-03 4.7616 02 1.0026 03 -1.3666 01 2.2416-03 4.7616 02 1.0026 03 -1.3666 01 2.2416-03	00006	47.800	56.52	37		1.23		-2.002E-03	. 6811 0	1.135E 0:	3329€	-6.103₽
49.000 27.6 1.0275 00 37.174.61E-01 2.039E-04 4.0516 02 1.11312 03 -1.366 01 49.000 27.6 1.0225 00 37.094.61E-01 1.06.2E-03 4.665 62 1.1312 03 -1.366 01 49.000 27.1 1.029E 00 37.074.61E-01 -1.06.2E-03 4.665 62 1.1312 63 -1.366 01 49.000 27.1 1.029E 00 37.074.645 E-01 -2.1346 02 1.1312 63 -1.366 01 49.000 27.1 1.029E 00 37.074.645 E-01 -2.1346 02 1.1212 63 -1.366 01 49.000 27.1 1.029E 00 37.074.645 E-01 -2.1346 02 1.1212 63 1.1366 03 -1.366 01 49.000 27.1 1.027 00 36.994.645 E-01 2.0416 04 4.666 02 1.122 63 1.136 60 1	26. 700	47.900	59.5	BE		7.16			.7C7E 0	1.132E 0	.358€	•
48.100 2770 1.0255 00 37.094401E-01 4.001E-03 +-651E 02 1.131E 03 -1,30E 01 1.89.00 277. 1.025E 00 37.094402E-01 -1,001E-03 +-651E 02 1.131E 03 -1,30E 01 1.89.00 277. 1.025E 00 36.914402E-01 -1,001E-03 +-651E 02 1.131E 03 -1,30E 01 1.89.00 277. 1.025E 00 36.904402E-01 1.196E-03 +-660E 02 1.125E 03 -1,30E 01 1.89.00 277. 1.027E 00 36.904402E-01 1.196E-03 +-660E 02 1.125E 03 -1,30E 01 1.89.00 277. 1.027E 00 36.904402E-01 1.196E-03 +-660E 02 1.125E 03 -1,30E 01 1.89.00 277. 1.027E 00 36.904402E-01 1.501E-03 +-660E 02 1.125E 03 -1,30E 01 1.89.00 277. 1.027E 00 36.804402E-01 2.011E-03 +-660E 02 1.125E 03 -1,30E 01 1.89.00 277. 1.027E 00 36.834402E-01 2.011E-03 +-660E 02 1.125E 03 -1,30E 01 1.89.00 277. 1.027E 00 36.834402E-01 2.011E-03 +-660E 02 1.125E 03 -1,30E 01 1.89.00 277. 1.027E 00 36.834402E-01 2.011E-03 +-660E 02 1.125E 03 -1,30E 01 1.89.00 277. 1.027E 00 36.834402E-01 2.011E-03 +-660E 02 1.125E 03 -1,30E 01 1.89.00 277. 1.027E 00 36.834402E-01 2.011E-03 +-660E 02 1.11E 03 -1,30E 01 1.89.00 277. 1.027E 00 36.434402E-01 2.011E-03 +-660E 02 1.11E 03 -1,30E 01 1.89.00 277. 1.027E 00 36.434402E-01 2.011E-03 +-660E 02 1.11E 03 -1,30E 01 1.89.00 277. 1.027E 00 36.424402E-01 2.011E-03 +-660E 02 1.11E 03 -1,30E 01 1.89.00 277. 1.027E 00 36.424402E-01 2.011E-03 +-660E 02 1.11E 03 -1,30E 01 1.89.00 277. 1.027E 00 36.424402E-01 2.011E-03 +-660E 02 1.11E 03 -1,30E 01 1.89.00 277. 1.027E 00 36.424402E-01 2.011E-03 +-760E 02 1.11E 03 -1,30E 01 1.89.00 277. 1.027E 00 36.424402E-01 2.011E-03 +-760E 02 1.011E 03 -1,30E 01 1.89.00 277. 1.027E 00 36.424402E-01 2.011E-03 +-760E 02 1.011E 03 -1,30E 01 1.89.00 277. 1.027E 00 36.424402E-01 2.011E-03 +-760E 02 1.011E 03 -1,30E 01 1.89.00 277. 1.027E 00 36.424402E-01 2.011E-03 +-760E 02 1.011E 03 -1,30E 01 1.39.00 277. 1.027E 00 36.424402E-01 2.011E-03 +-760E 02 1.001E-03 -1,30E 01 1.39.00 2 1.001E-03 +-760E 02 1.001E-03 +-760E 02 1.001E-03 +-760E 02 1.001E-03 +-760E 03 1.001E-03 +-760E 03 1.001E-03 +-760E 03 1.	99.800	49.000	27.6	11:		7.17		2.099F-04	0 372a.		-360E	•
48.200 27.6 1.026E 00 37.09 -4.462F-01 -1.562F-03 -4.655E 2.121E 03 -1.306E 01 -1.306E 01 <td>9.900</td> <td>48.100</td> <td>27.0</td> <td>35E</td> <td></td> <td>7.14</td> <td>-4.461E-01</td> <td>4.1376-04</td> <td>.051E 0</td> <td>1.132E 0</td> <td>.360E</td> <td>1.444</td>	9.900	48.100	27.0	35E		7.14	-4.461E-01	4.1376-04	.051E 0	1.132E 0	.360E	1.444
46.200 27.7 1.029E 0.0 27.7 1.029E 0.0 27.7 1.029E 0.0 27.0 1.027E 0.0 36.90 1.0 1.007E 0.0 36.90	000 -0	48.200	27.6	8E		60.	-4.461E-01	-1.5626-03	0	1.121E C	.360E	-5
## 500 27.1 1.029E 00 35.91 -4.462E-01 -1.374E-03 4.666E 02 1.126E 03 -1.366E 01 48.500 27.2 1.027E 00 36.93 -4.463E-01 1.026E-03 4.666E 02 1.122E 02 -1.366E 01 48.900 27.1 1.027E 00 36.90 -4.463E-01 1.026E-03 4.666E 02 1.122E 03 -1.366E 01 48.900 27.1 1.027E 00 36.90 -4.4662E-01 1.026E-03 4.666E 02 1.122E 03 -1.366E 01 48.900 27.1 1.027E 00 36.90 -4.4662E-01 2.021E-03 4.666E 02 1.122E 03 -1.366E 01 49.900 27.1 1.027E 00 36.90 -4.4662E-01 2.021E-03 4.665E 02 1.122E 03 -1.366E 01 49.900 27.1 1.027E 00 36.63 -4.4662E-01 2.031E-03 4.665E 02 1.122E 03 -1.366E 01 49.900 27.1 1.027E 00 36.63 -4.4662E-01 2.031E-03 4.667E 02 1.122E 03 -1.366E 01 49.900 27.1 1.027E 00 36.63 -4.4662E-01 2.031E-03 4.667E 02 1.122E 03 -1.366E 01 49.900 27.1 1.027E 00 36.63 -4.4662E-01 -2.131E-03 4.667E 02 1.112E 03 -1.366E 01 49.900 27.1 1.027E 00 36.63 -4.4662E-01 -2.131E-03 4.667E 02 1.112E 03 -1.366E 01 49.900 27.1 1.027E 00 36.63 -4.4662E-01 -2.1642E-03 4.667E 02 1.112E 03 -1.366E 01 49.900 27.1 1.027E 00 36.63 -4.4662E-01 -2.1642E-03 4.667E 02 1.112E 03 -1.366E 01 49.900 27.1 1.027E 00 36.49 -4.462E-01 -2.1642E-03 4.667E 02 1.112E 03 -1.366E 01 49.900 27.1 1.027E 00 36.49 -4.462E-01 -2.1642E-03 4.667E 02 1.112E 03 -1.366E 01 49.900 27.1 1.027E 00 36.49 -4.462E-01 -2.1642E-03 4.667E 02 1.112E 03 -1.366E 01 49.900 27.1 1.027E 00 36.25 -4.462E-01 -2.1642E-03 4.667E 02 1.112E 03 -1.366E 01 49.900 27.1 1.027E 00 36.25 -4.446E-01 -2.167E-03 4.776E 02 1.107E 03 -1.357E 01 4.776E 02 1.107E 03 -1.357E 01 4.776E 02 1.027E 03 -1.357E 01 4.776E 02 1.027E 03 -1.357E 01 4.776E 02 1.027E 03 -1.357E 01 4.776E 03 -1.357E 01 4.776E 02 1.027E 03 -1.357E 01 4.776E 03 -1.357E 01 4.776	50-100	48.300	27.6	30		7.07		-1.0406-03	.671E 0	1.130E 0	- 36CF	•
#8.500 27.0 1.027E 00 36.99 4.469E-01 -2.144E-03 4.606 02 1.122E 03 -1.366E 01 48.600 27.1 1.027E 00 36.90 -4.469E-01 2.466E-03 4.666E 02 1.122E 03 -1.366E 01 48.600 27.1 1.027E 00 36.90 -4.469E-01 2.465E-03 4.666E 02 1.122E 03 -1.366E 01 48.600 27.1 1.022E 00 36.80 -4.460E-01 -2.031E-03 4.665E 02 1.122E 03 -1.360E 01 49.600 27.1 1.022E 00 36.80 -4.460E-01 -2.031E-03 4.655E 02 1.122E 03 -1.360E 01 49.600 27.1 1.022E 00 36.80 -4.460E-01 -2.031E-03 4.655E 02 1.122E 03 -1.360E 01 49.600 27.1 1.022E 00 36.87 -4.460E-01 -2.031E-03 4.655E 02 1.126E 03 -1.360E 01 49.600 27.1 1.022E 00 36.87 -4.460E-01 -2.031E-03 4.655E 02 1.126E 03 -1.360E 01 49.600 27.2 1.022E 00 36.53 -4.460E-01 -2.136E 02 1.111E 03 -1.359E 01 49.600 27.2 1.022E 00 36.53 -4.460E-01 -2.136E 02 1.111E 03 -1.359E 01 49.600 27.2 1.022E 00 36.53 -4.460E-01 -2.136E 02 1.111E 03 -1.359E 01 49.600 27.2 1.022E 00 36.53 -4.460E-01 -2.136E 02 1.111E 03 -1.359E 01 49.600 27.2 1.022E 00 36.53 -4.460E-01 -2.136E 02 1.111E 03 -1.359E 01 49.600 27.2 1.022E 00 36.53 -4.460E-01 -2.136E 02 1.111E 03 -1.359E 01 49.600 27.2 1.022E 00 36.32 -4.460E-01 -3.146E-04 4.731E 02 1.112E 03 -1.359E 01 49.600 27.2 1.022E 00 36.32 -4.460E-01 -3.146E-04 4.731E 02 1.102E 03 -1.359E 01 49.600 27.2 1.026E 00 36.32 -4.446E-01 -3.426E-03 4.756E 02 1.102E 03 -1.355E 01 49.600 27.2 1.026E 00 36.32 -4.446E-01 -3.426E-03 4.756E 02 1.002E 03 -1.355E 01 49.600 27.2 1.026E 00 36.32 -4.446E-01 -3.426E-03 4.756E 02 1.002E 03 -1.355E 01 49.600 27.2 1.026E 00 36.32 -4.446E-01 -3.426E-03 4.756E 02 1.002E 03 -1.355E 01 49.600 27.2 1.026E 00 36.32 -4.446E-01 -3.426E-03 4.756E 02 1.002E 03 -1.355E 01 49.600 27.2 1.036E 00 36.32 -4.446E-01 -3.456E-03 4.756E 02 1.002E 03 -1.355E 01 49.600 27.2 1.036E 00 36.32 -4.445E-01 -3.456E-03 4.756E 02 1.002E 03 -1.355E 01 49.600 27.2 1.036E 00 36.32 -4.445E-01 -3.456E-03 4.756E 02 1.036E 03 -1.355E 01 49.600 27.2 1.036E 00 36.32 -4.445E-01 -3.456E-03 4.756E 03 -1.355E 01 49.600 27.2 1.036E 00 36.32 -4.445E-01 -3.456E-03 4.756E 03 -1.355E 01 49.600 27.2 1.037E 00 36	0.200	48.400	27.1	366		7.01	3	-1-374F-03	.668F 0	1.1286 0	3608	1
48.000 27.1 1.027E 00 36.90 -4.464E-01 1.196E-03 4.660E 02 1.122E 03 -1.360E 01 48.000 27.1 1.027E 00 36.80 -4.466E-01 2.461E-03 4.665E 02 1.122E 03 -1.360E 01 48.000 27.1 1.022E 00 36.80 -4.466E-01 2.451E-03 4.665E 02 1.122E 03 -1.360E 01 49.000 27.1 1.022E 00 36.80 -4.466E-01 2.451E-03 4.665E 02 1.122E 03 -1.360E 01 49.000 27.1 1.022E 00 36.83 -4.466E-01 2.431E-03 4.665E 02 1.122E 03 -1.360E 01 49.200 27.1 1.022E 00 36.83 -4.466E-01 2.431E-03 4.667E 02 1.122E 03 -1.360E 01 49.200 27.2 1.022E 00 36.83 -4.466E-01 2.431E-03 4.667E 02 1.122E 03 -1.360E 01 49.200 27.2 1.022E 00 36.43 -4.461E-01 2.431E-03 4.667E 02 1.112E 03 -1.369E 01 49.200 27.2 1.022E 00 36.43 -4.461E-01 1.021E-03 4.667E 02 1.112E 03 -1.360E 01 49.200 27.2 1.022E 00 36.42 -4.461E-01 1.021E-03 4.667E 02 1.112E 03 -1.360E 01 49.200 27.2 1.022E 00 36.42 -4.461E-01 1.021E-03 4.667E 02 1.112E 03 -1.360E 01 49.200 27.2 1.022E 00 36.42 -4.461E-01 1.021E-03 4.667E 02 1.112E 03 -1.360E 01 49.200 27.2 1.022E 00 36.42 -4.461E-01 1.021E-03 4.667E 02 1.112E 03 -1.360E 01 49.200 27.2 1.022E 00 36.42 -4.461E-01 1.021E-03 4.667E 02 1.112E 03 -1.361E 01 49.200 27.2 1.022E 00 36.42 -4.461E-01 1.274E-03 4.667E 02 1.112E 03 -1.361E 01 49.200 27.2 1.022E 00 36.42 -4.461E-01 1.274E-03 4.667E 02 1.102E 03 -1.361E 01 4.461E-01 1.242E-03 4.667E 02 1.067E 03 -1.361E 01 4.461E-01 1.2461E-01 1.2461E	900	48.500	27.6	411		85.5		-2.144F-03	. 678F	1.127E C	3606	000
## 100	004-0	48.600	27.1	75		. 6.3		1-1966-03	4606		3416	3.6446
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48.900 27:1 1.0285 00 36.83 -4.461E-01 -2.051E-03 +6.651E 02 1.122E 03 -1.300E 01 -4.460E-01 -2.451E-03 +6.651E 02 1.122E 03 -1.300E 01 -4.460E-01 -2.431E-03 +6.651E 02 1.132E 03 -1.339E 01 -1.399E 01 -2.200 27:0 1.027E 00 36.63 -4.460E-01 -2.431E-03 +6.651E 02 1.132E 03 -1.339E 01 -2.431E-03 +6.651E 02 1.132E 03 -1.339E 01 -3.4451E-01 -2.431E-03 +6.651E 02 1.132E 03 -1.335E 01 -3.4451E-01 -2.4451E-03 +6.651E 02 1.132E 03 -1.335E 01 -3.4451E-01 -2.4451E-03 +7.761E 02 1.132E 03 -1.335E 01 -3.4461E-01 -2.4461E-03 +7.761E 02 1.132E 03 -1.335E 01 -4.4451E-01 -2.4461E-03 +7.761E 02 1.132E 03 -1.335E 01 -4.4451E-01 -2.4461E-03 +7.761E 02 1.132E 03 -1.335E 01 -4.4461E-01 -2.431E-03 +7.761E 02 1.132E 03 -1.335E 01 -4.4461E-01 -2.431E-03 +7.761E 02 1.331E 03 -1.335E 01 -4.4461E-01 -2.431E-03 +7.761E 02 1.331E 03 -1.335E 01 -4.4461E-01 -2.431E-03 +7.761E 02 1.331E 03 -1.335E 01 -3.351E 03 -1.331E 03	209		27.1	750				10-3105-1-	1999	1.1236	3405	
49.000 27.C 1.0265 00 36.80 -4.402E-01 5.030E-04 4.657E 02 1.120E 03 -1.399E 01 -1.300E 01 2.200 27.0 1.0295 00 36.83 -4.499E-01 -9.126E-04 4.669E 02 1.110E 03 -1.399E 01 -1.399E 01 2.200 27.0 1.0295 00 36.83 -4.499E-01 -9.126E-04 4.669E 02 1.110E 03 -1.399E 01 -1.399E 01 2.200 27.0 1.029F 00 36.83 -4.499E-01 -9.126E-04 4.669E 02 1.110E 03 -1.399E 01 -1.399E 01 2.200 27.0 1.029F 00 36.89 -4.401E-01 1.029E-04 4.669E 02 1.110E 03 -1.390E 01 -1.399E 01 2.200 27.0 1.029F 00 36.89 -4.401E-01 1.029E-04 4.669E 02 1.110E 03 -1.390E 01 -1.390E 01 2.200 27.0 1.029E 00 36.89 -4.401E-01 1.029E-04 4.659E 02 1.110E 03 -1.390E 01 -1.390E 01 2.200 27.0 1.029E 00 36.89 -4.401E-01 1.029E-04 4.659E 02 1.110E 03 -1.390E 01 2.200 27.0 1.029E 00 36.89 -4.401E-01 1.029E-04 4.750E 02 1.110E 03 -1.350E 01 2.200 27.0 1.049F 00 36.80 -4.401E-01 1.740E-04 4.750E 02 1.100E 03 -1.350E 01 2.200 27.0 1.049F 00 36.80 -4.449E-01 1.740E-04 4.750E 02 1.100E 03 -1.350E 01 2.200 27.0 1.049F 00 36.80 -4.449E-01 1.240E-03 4.750E 02 1.100E 03 -1.350E 01 2.200 27.0 1.049F 00 36.80 -4.449E-01 1.240E-03 4.750E 02 1.099E 03 -1.359E 01 2.200 27.0 1.049F 00 36.80 -4.449E-01 1.462E-03 4.750E 02 1.099E 03 -1.359E 01 2.200 27.0 1.049F 00 36.80 -4.449E-01 1.462E-03 4.750E 02 1.099E 03 -1.359E 01 2.200 27.0 1.049F 00 36.80 -4.449E-01 1.462E-03 4.750E 02 1.099E 03 -1.359E 01 2.200 27.0 1.039F 00 36.80 -4.449E-01 1.462E-03 4.750E 02 1.099E 03 -1.359E 01 2.200 27.0 1.039F 00 36.80 -4.449E-01 1.462E-03 4.750E 02 1.099E 03 -1.359E 01 2.200 27.0 1.039F 00 36.80 -4.449E-01 1.462E-03 4.750E 02 1.099F 03 -1.359E 01 2.259E 03 1.259E 03 1.25	002		27.1	386			4616	-2.0516-03	6636	1 1226 0	A O E	76.26.16
49.100 27.1 1.0255 00 36.75 -4.460E-01 8.046E-04 4.657E 02 1.118E 03 -1.359E 01 49.200 27.0 1.027E 00 36.63 -4.460E-01 -6.58E 02 1.118E 03 -1.359E 01 49.200 26.63 1.027E 00 36.53 -4.461E-01 -1.618E-03 4.658E 02 1.118E 03 -1.359E 01 49.500 26.9 1.031E 00 36.53 -4.461E-01 -2.164E-03 4.658E 02 1.118E 03 -1.360E 01 49.500 27.6 1.028E 00 36.42 -4.461E-01 -2.164E-03 4.658E 02 1.118E 03 -1.360E 01 49.700 27.7 1.028E 00 36.42 -4.462E-01 -1.646E 02 1.118E 03 -1.360E 01 49.700 27.7 1.028E 00 36.42 -4.462E-01 -1.646E 03 -1.366E 03 -1.356E 01 50.00 27.6 1.028E 00 36.26 -4.448E-01 -1.444E-04 -7.76E 02 1.116E 03 -1.356E 01 50.200 27.1 1.049E 00	6.800		27.5	. 24		80	667	5-030F-04		1.1776	10 3096 -1 - 1	2.75.25-02
49.200 27.0 1.027E 00 36.68 -4.460E-01 -2.431E-03 4.658E 02 1.118E 03 -1.359E 01 -4.559E 01 -1.359E 01 -4.559E 01 -4.559E 01 -4.559E 01 -4.559E 01 -1.359E 01 -4.559E 01 -1.350E 01 -4.559E 01 -1.350E 01 -1.350E <td>006.00</td> <td></td> <td>27.1</td> <td>25</td> <td></td> <td>5. 75</td> <td>460</td> <td>8-046F-04</td> <td></td> <td>1.12GF 0</td> <td>1 -1.359F 01</td> <td>2.457F-02</td>	006.00		27.1	25		5. 75	460	8-046F-04		1.12GF 0	1 -1.359F 01	2.457F-02
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50.500 26.5 1.034; 00 35.92 -4.456£-01 -2.159£-03 4.690E 02 1.059E 03 -1.358E 01 -6.58 51.000 26.5 1.037E 00 35.87 -4.459E-01 8.907E-04 4.685E 02 1.052E 03 -1.359E 01 2.71 51.100 26.5 1.037E 00 25.81 -4.454E-01 5.749E-04 4.705E 02 1.051E 03 -1.359E 01 1.75 51.200 26.5 1.045E 03 -1.357E 01 -4.654E-01 5.749E-03 4.730E 02 1.055E 03 -1.357E 01 -6.68	62.600		27.6	56E		5.85	4396-	-1.8646-03	1	660	.3€3€	-5.682E
51.000 76.9 1.623E 00 35.87 -4.459E-C1 8.907E-04 4.685E 02 1.092E (3 -1.359E 01 2.71 51.100 26.9 1.037E 00 35.73 -4.454E-C1 5.749E-04 4.705E 02 1.051E 03 -1.358E 01 1.75 51.200 26.9 1.045E 02 1.045E 03 -1.358E 01 1.75 51.200 26.9 1.045E 03 -1.357E 01 -4.454E-01 4.730E 02 1.045E (2 1.357E 01 -6.68	42. 700		26.5	145		26.5	456 F-	-7-159F-03	100		3585	SAZE
51.100 26.5 1.037E 00 35.73 -4.454E-C1 5.749E-04 4.730E 02 1.051E 03 -1.358E 01 1.75 51.200 26.5 1.043E 00 35.73 -4.451E-01 -2.192E-03 4.730E 02 1.085E 03 -1.357E 01 -6.68	62.800		26.50	35.		5.67	4595-	-907F-	4.685E 02	043	3506	715F
51.200 26.5 1.043E 00 35.73 -4.451E-01 -2.192E-03 4.730E 02 1.085E 03 -1.357E 01 -6.68	62.900		26.9	3.7E		5.81	454F-	149	4. 7CSF 02	1.0516 0	3586	!
51 200 07 1 07 00 00 00 00 00 00 00 00 00 00 00 00	000 2		2.6.6	uz.	, ,	27.72	4616	10	4 7305 03	1 COCE C		Y
	200		21.0	200	,,				•	10000		

CALCIT REPORT -ShT-1129

EXPERIMENTAL DATA

VARIABLE LENGTH CABLE SYSTEPS DYAPPICS

						******	. CLOTE	75100137	1000
RCOR RUN	יאנוני	TENSION	LENGTH	VELOCITY	ACCEL.	I Englen	- Crucia	******	*rrer.
) EC	1.85	14	F1/5EC	fT/SEC/SEC	CRAW	5	CP/SEC	CM/SEC/SEC
63.200 51.400		1.0376 00	35.66	-4.454E-01	-1.0846-03		1.0016 03	-1.358€ 01	4
		15	35.66	-4.457E-01	~	4.672F G2	1. Ce 7E C2	-1.358E 01	-6.292E-02
		1.0325 60	35.59	-4.454E-G1	1.675E-03		1.Cest 03		5.117E-02
		1.035c 00	35.55	-4.452E-01	-2.584E-04		1.C84E 03	-1.357£ 01	-7.876E-03
		1.044€ 00	35.45	-4.447E-01	-1.3556-03	.735E	1.081E 03	.356E	-4-130E-02
		13 0	35.50	-4.459E-C1	-2.200E-03		1.0826 03	3651	-6.707E-02
		0 31	35.47	-4.458E-01	-		1. CE 1E 03	365	2.169E-02
		1.037E CC	35.41	-4.451E-C1	3.486E-04	4.766E 02	1.(796 03	.357E	1.063E-02
		75 0	35.35	-4.454E-01	-2.638E-03	. 7CSE	1.0776 03		-8.041E-02
64.106 52.300		2	35.34	-4.4578-01	-1.5708-03	4.6548 62	1.(1)1 63		-4.784E-02
		O = 0	35.30	-4.461E-01	-7-191E-04		1.076E 03		-2.192E-02
		1.037= 00	35.20	-4.453E-01	-2.110F-03		1.0736 63		-6.432E-02
		9F 0	35.06	-4.443E-01	2-1185-03		1.C65E 02	.354E	6.457E-02
		31	35.04	-4.445E-C1	-1.299E-05	4.720E 02	1.068E 03	-1.355E 01	-3.959 E-04
		+	34.99	-4.445F-01	-1.213E-03		1. CE 7E 03	.355E	-3.698E-02
		96	34.56	-4.445E-01	-1.9336-03	4.756E 02	1.066E 02	35 SE	-5.890E-02
		E	34.89	-4.443E-C1	1.727E-03		1.0636 03		5.263F-02
		35	34.87	10-3444-4-	6-022E-04		1. CE 3E 02	-1.355E 01	1.836 E-02
		T.	34.88	-4.451E-01	-1.904E-03		1.0638 03	.357E	803
		36	34.94	-4.465E-01	-1.825E-03		1.065E 03	.361E	-5.576E-02
65.200 53.400	27.6	1.021E 00	34.89	-4.464E-01	-1.366E-03	4.6328 02	1.063E 02	-1.36 JE 01	-4.163E-02
		u'	34.80	-4.459E-01	-2.285E-03		1.061E 03	-1.359E 01	-6.965E-02
		36	34.68	-4.447E-01	1.6556-03		1.057E 03		5.665E-02
		5E	34.67	-4.447E-01	4.348E-04		1.057E 03		1.325E-02
		4	34.67	-4.455E-01	-1.092E-03		1.057E 03		-3.327E-02
		T.	34.66	10-3095-5-	-1.701E-03		1.056E 03	ш	-5.184E-02
		1.024€ 0€	34.59	-4.459E-C1	6.063E-04		1.C54E 03	-1.359€ 01	1.8485-02
		36	34.56	-4.457E-01	4.170E-05		1.053E 03	ш	1.271E-03
		25	34.51	-4.463E-01	-2.392E-03		1.052E C3	ш	1.
		PE.	34.48	-4.464E-01	-1.913E-03		1.0516 03	319E*	832F
		2 E	34.44	-4.464E-01	-1.130E-03	4.636E 02	1.050E 03	-1.361E 01	-3.444E-02
		10	34.40	-4.464 E-01	-2.391E-03		1.049E C3	-1.361E 01	-7.288E-02
		1	34.35	-4.463E-01	1.321E-03	4.630E 02	1.047E 03	-1.360E 01	L
		96	34.32	-4.463E-01	-5.24 3E-04		1.04EE 03	360E	-1.5986-02
		2E	34.28	-4.463E-01	-1.8708-03		1.045E 03	-1.360E 01	-5.699E-02
		31	34.23	10-3494.4-	-2.172E-03		1.043E 03	-1.361E 01	-6.622E-02
		u	34.18	-4.464 E-01	1.0235-03		1.C42E 03	-1.361E 01	3.117E-02
66.900 55.100		E.	34.14	10-3695-01	-2.406E-04	4.6198 02	1.0416 03	-1.360E 01	-7.334E-03
		9F	34.11	-4.463E-01	-9.560E-04		1.040E 03	-1.360E 01	-3.036E-02
		36	34.07	-4.462E-01	-1.181E-03	620E	1.028E 03	-1.360E 01	-3.600E-02
		36	34.03	-4.463E-01	-1.038E-03		1.0376 03	-1.360E 01	-3.163F-02
		96	33.97	-4.4635-01	-1.7355-03		1. C35E 03	-1.360E 01	-5.301E-02
		30	33.91	-	1.8435-03	4.627E 02	1.0346 03	3616	5.617E-02
		25 0	33.87	-4.463 E-01	160	4.634E 02	1.C32E 03	-1.36JE 01	-2.102F-02
		35	33.82		-1.856E-03	4.646E G2	1. C31E 03	-1.361E 01	-5.657E-02

EXPERIMENTAL DATA

VARIABLE LENGTH CABLE SYSTEMS DYNAMICS

	-			Tour .	CHOCK TO THE TOTAL				,	
KCOK.	NO.	dect.	IENSION	LENGTH	VEL 3C 11V	ACCEL.	TENSICK	LENGTH	VELOCITY	ACCEL.
360	SEC	DEG	1.85	1	FT/SEC	FT/SEC/SEC	CRAP	ð	CW/SEC	CM/SEC/SEC
67.830	\$6.000	27.0	315	33.72	-4.464E-01	1.311E-03	4.633F 02	1.02EE 03	-1.361E 01	3-996E-
67.900	96.100	27.6	1.020E 00	33.68	-4.463 E-01	-1.048E-03	.526E	C27E 0	. 360E	-3.194E-02
98.000	26.200	27.5	322	33.63	-4.460E-01	-1.748E-03	39€9.	1.025E 03		-5.328E-02
68.100	56.300	27.1	361	33.61		-1.271E-03		024E 0	1.360€	75F
66.200	26.400	27.6	186	33.56	-4.465E-01	-1.706E-03	39190	023E C		-5.199E-02
08.300	26.500	27.1	185	33.52	-4.464E-01	-2.045E-03	3619.	022E 0	-	32F
904.89	26-600	27.6	34	33.46	-4.463 E-01	2.140E-03		1.02CE C3		6.5226-02
99.500	96.700	27.6	C	33.39	-4.457E-01	-8.880E-04			-1.358E 01	5
009-89	50.800	27.1	392	33.37	-4.460E-01	-1.418E-03				-4.321E-02
96.700	26.900	27.6	2 7E	33.34	-4.460 E-01	-2.095E-03				-6.384F-02
68.800	57.000	27.6		33.28	-4.460E-01	5.154E-04				1.571F
68.900	\$7.100	27.0	316	33.21	-4.453E-01	-1.395E-04		1.012E 03	-1.357E 01	-4.251E-03
000.69	97.200	27.6	39Z	33.17	-4.458E-01	-2.081E-03		1.0116 03		-6.342E-02
001-69	57.300	26.5	352	33.15	-4.460E-01	-1.650E-03	4.651E 02	010E	-1.359E 01	-5.028E-02
96.200	57.400	5.92	34E	33.08	-4.460 E-01	-1.511E-03		SCEE	360E	607
65.300	57.500	26.5	367	33.04	1:	-1.5785-03		1.CC7E 03	-1.361E 01	-4.811E-02
004-59	57.600	27.0	39Z	32,99	-4.460E-01	2.514E-03		SOFE		7.663E-02
005-59	57.700	26.5	30E	32.94	-4.456 E-01	-1.360E-04	4.672E G2	1.0C4E 03	-1.358E 01	-4.146E-03
009-69	57.800	27.0	38 E	32.90	-4.458E-01	-1.894E-03	4.661E 02	002E	-1.359E 01	-5.774E-02
69.700	57.900	27.0	34E	32.89	-4.461E-01	-2.062E-03				-6.284E-02
008-59	58.000	27.1	28E	32.81	-4.456 E-01	1.137E-03		300	•	3.465F-02
69-900	58-100	27.6	ZIE.	32 . 80	-4.459E-01	3.657E-04	•632€	3256	1.359€	1.115
10.000	28.200	3.12	15E	32.75	-4.459E-01	~		Se le	-	-8.022E-02
70.100	58.300	27.6	23E	32.12	-4.460E-01	-2.641E-03	28	12E	.359E	-6.0496-02
097-3/	28.400	27.1	30E	32.63	-4.455E-C1	-8.736E-04	. 673E	346	.358E	
70.300	005.86	27.5	1.03ZE 00	37.65	-4.455 E-01	-5.236E-04		54 ZE	-	-1.596E-02
200	2000	37.00	37.5		10-1664-4-	2.420E-03			3276	70-3165-02
0000	200700	27.00	2	-	-4.4591-01		- 655E	3776	1 .3596	4.082
10.70	58.900	26.6	1-028E 00		10-10-10-1	-	4 44 25 02	9.6556 62	1 3696 01	-20 300E-02
70.800	29.000	26.5	386		-4.4595-01	: -	3.0	444E	3506	3.1346-02
70.900	59.100	26.6	8	32.35	-4.463 F-01	-6-296F-04	100	9566	360F	-1.9196-02
11.000	59.200	56.92	21E				•633€	.848E	-	-5.4616-02
71.100	55,300	26.5	28E		-4.4588-01	-		2.2E	. 359E	
71.200	95.400	27.0	392	32.19	461	-1.645E-03			-	-5.013E-02
71.300	29.500	27.0	34E		-4.462E-C1	-1.091E-03	4.644E C2	03E	3696	-3.325E-02
11.400	009-55	27.6	35E		-4.462E-01	-	354	. 15 EE	36 OE	1716
11.500	29.700	27.6	39Z		1	-7.055E-04		.776E		30E-
11.600	29.800	27.0	362		-4.458E-01	-1.555E-03	98E	909		140E
71.700	59.900	27.6	326	31.5	-4.454 E-01	-1.5376-03		366	-	198
71.800	000.09	27.6	27E	31.	-4.458E-C1	1.203E-03	1	416	-	3.667E-02
11.900	60-100	27.0	31E		-4.455E-01	-4.102E-05	4.660E 02	9.125E 02	1.358E	-1.250E-03
72.000	60.200	26.5	28E	31.	-4.459E-01	-1.576E-03	4.662E 02	9.716E 02		-4.803E-
72.100	60.300	27.0	33E	31.	1	1.22	8	659.	-1.3576 01	25.
12.200	60.400	5.92		31.75	-4.453 [-01	-1.1986-03	4.656F 02	9. 677E 02	357F	-3089 E-
-						ľ	,			-

EXPERIMENTAL DATA

VARIABLE LENGTH CABLE SYSTEPS DYNAMICS

AC DR	RUN	. 1080	1F NSI ON		LENGTH	VFLOCITY	ACCEL.	TENSICK	LENGTH	VELOCITY	ACCEL.
» EC	SFC	Dr.G.	Les		13	FT/SEC	FT/SEC/SEC	CRAP	5	CP/SEC	CM/SEC/SEC
2.400		26.5	.032E		31.46	-4.4578-01	1.650E-03	4.683E 02	9.649E 02	-1.359E 01	5.151E-0
72.500	66,700	27.5	1.021E 0		31.64	-4.460 E-01	-1.461E-03	4.677E 02		-1.359E 01	-4.453E-02
74.630		26.5	3577.		31.60	-4.451E-01	-1.412E-03	3790.	9.6316 02	-1.360E 01	-4.303F-0
2.700		27.6	.022E	00	31.56	-4.464F-01	-1.5836-03	4.638E 02	9.620E 02		-4.826F-02
2.900		27.6	.C216		31.51	-4. 463E-01	2.892E-04		9.604E 02	-1.360E 01	8.814E-0
2.900		27.0	.029€	00	31.44	-4.455E-C1	5. CB 6E-04	4.667E 02	9.582E 02	-1.358E 01	1.550E-02
3.000		27.6	.038F		31.37	-4.450E-61	-1.5555-03	0	9. 563E 02	-1.356E 01	-4.740E-02
3.100		27.6	-C34E		21.34	-4.4538-01	-1.8596-03	4.6898 02	9.5516 02	-1.3576 01	-5.665E-0
3.200		27.0	.0 38F		31.29	-4.452F-01	-2.207E-03	4.7CBE 02	376	-1.357E 01	-6.728E-02
3.366		27.6	. C36E		31.25	-4.454 E-01	-1.1246-03		24E		-3.425E-02
3.400	10	21.6	-022F	00	31.27	-4.463E-01	2.105E-03	4.6376 02	9.530E 02	-1.360€ 01	6.415E-02
3.500	19	27.1	4		31.23	-4.464E-01	-1.465E-03	4.621E 02	20€	-	-4.478E-02
3.600	19	21.5	. 620E	00	31.18	-4.465 E-01	-1.727E-03	4.526E 02	9.504E 02	-1.361E 01	- 5.265E-02
3.700	61	27.6	111		31.11	-4.460E-01	-8.935E-04	4.642E 02		-1.360E 01	-2.723E-0
3.866	62	27.6	.C27F	00	31.04	-4.457E-01	\$-505E-04	4.656E 02		-1.358E 01	2.898E-02
3.900	62	27.6	uı		30.58	-4.4538-01	6.6998-05	4.678E 02	4 2E	-1.3576 01	2.042E-03
0000.	29	5.92	4		20.43	-4.457E-01	-5.25 BE-04		29€	388E	-1.615E-02
4.100	62	26.5	.0315		30.88	-4.455 E-01	-1.3996-03		146	358	-4.263E-0
4.200	6.2	26.5	u.		30. €6	-4.457E-01	-2.347E-03	4.6716 02	9.406E 02	365E	-7.153E-02
4.300	62	27.0	.025E		30.81	-4.459E-01	-1.325E-03			365	-4.051F-0
4.400	62	27.6	u		30.78	-4.462E-01	2.033E-03	4.632E 02	9.382E 02	-1.360E 01	6.197E-02
4.500	62	27.6	Æ		30.74	-4.455E-01	-1.622E-04		196	-1.358E 01	-2.323F-02
4.600	62	27.6	.023E		30.72	-4.459F-C1	-2.167E-03	4.640E 02	6 iE	-1.359E 01	-6.605E-02
4. 100	62	27.6	w.		30.65	-4.454E-01	-8.4498-04			-1.3588 01	-2.575E-0
4.800	63	27.0	.026€		30.60	-4.455E-C1	8.566E-04	4.652E 02			2.617E-02
4.900	63	27.0	.027E		30.58	-4.455 1-01	-2.440E-04	4.660E 02			7.438E
2.000	6	27.6	ינו		30.55	-4. 455E-C	-1.8655-03			1.3586	-5.684E-02
2.100	63	27.0	.028E	00	30.52	-4.456E-01	-1.857E-03	1		-1.358£ 91	-5.659F-02
2.200	63	27.6	. C23E		30.48	-4.460 E-01	-2.126E-03		9.471E 02		-8.309E-02
2.300	•	3.12	. CZCE		30.44	-4.463F-01	-8.941E-04			1 . 360E	-2.725E
2.400	6	21.0	" !	00	30.39	-4.462E-01	1.56 (E-03	4.638E 02		1.360E	4.774E-02
2000	0	5.07	1870.		30.33	10-1864-6-	-1.386t-03		36		-4.22eE-02
2000		3.1.7	.0365	200	30.24	10-10-6-6-	-1.6776-03		9.216E 02		-5.722E-02
30.00		2.07	2 !		30.25	10-1604-4-	-9.4125-04	J.	4		-2.809E-02
2000	6	30.75	2770		30.61	10-2604-4-	101096-05	\$.034E 02	200	3	3.3800-02
2000		5000			50.13	13-366-6-	٠.			3	
2000	0	3.1.2	-070·		30.16	10-1104-4-	1.0346-03	4.05.35 02	9. 161E 02	3	4.980E-
001.9		21.5	• 022E		20.11	-4.465E-01	-1.094E-03				-3.336F-02
9.200	0,4	27.0	-022E		30.02	-4.462E-01	-2.69 7E-03	4. 634E 02		-360E	222F
6.300		27.0	. 023F	00	30.00	-4.464 E-01	-6.310E-04	4.6416 02	9.145E 02	1.3616	-1.923E-02
9.400	•	1.12	.026E		59.93	-4.46ZE-01	1.758E-03	4.6928 02	70	3	359F
6. 500	64	27.0	.02 SE		29 000	-4.462E-01	-9.533E-04	4.647E 02		1.360E	027E-
009-9	64	27.6	• 029€		29.62	-4.457E-01	-1.660E-03	4.667E 02	9.057E 02	-1.359E 01	-5.059E-02
6.700	-	27.0	1.025F C		59.83	-4.461E-01	-3.56 EE-04	4.650E 02	50	-	-1.088E-02
16. 800	65	27.6	.026F	00	29.77	10-3654.4-	9.6395-04	4.65 3E 02	9. C73E 02	-1.359E 01	2.938E-02
74.000					-	1 1 1 1					

EXPERIMENTAL DATA

VARIABLE LENGTH CARLE SYSTEPS DYNAMICS

ACOR 114F	704	OSCI.	LENSTON	I ENGTH	V-1.90.111	ירובוי	IENSICA	LENGIL	AFFORILL	ALLEL.
SEC	SEC) EG	185	11	+1/SEC	FT/SEC/SEC	CRAP	ð	CP/SEC	CH/SEC/SEC
77.000	65.200	27.0	315 0	59.66	-4.455E-01	-1.576E-03			.358E	-6.022E-02
7.100	65.200	21.6	1.042= 00	29.55	.447E	-1.1396-03		9.CO7E 02	-1.355E C1	-3.471E-02
1.200	65.400	54.6	0 357	29.50	-4.450E-C1	-2.334E-03		8.992E 02	.356E	-7.113E-02
7.300	65.500	20.5	396		441	-4.491E-04		3585	.357E	-1.369E-02
1.400	65.600	26.5	301	59.48	111	1.8146-03		3585.	-1.358E 01	5.53CE-02
005.	65.700	56.9	346	59.43	-4.454E-C1	-1.657E-03				-5.174E-02
7.600	65.800	2.1.0	315	24.62	-4.459E-01	-2.606E-03			.359E	-7.943E-02
7.700	69.50	27.6	30E	16.62	-4.459E-C1	-8.401E-04				-2.56 IE-02
7.800	000-99	27.0	28E	29.36	-4.460E-01	-1.073E-04			360E	-3.271E-03
7.960	66.100	21.6	365	29.27	-4.454F-01	8.918E-05			.358€	2.688E-03
78.000	99.500	27.6	1.02¢E 00	29.27	-4.463E-01	-1.603E-03		8.522E 02	-1.360E 01	-4.886E-02
9.100	66.300	27.0	27:	29 . 23	-4.461E-01	-1.545E-03				-4.709E-02
6.200	007.39	27.5	235	29.21	-4.463 E-01	-2.618E-03		3205		-7.980E-02
8.300	005.99	27.6	1.018 00	58.15	-4.464E-C1	-3.585E-04	.618E	.886E	_	-1.215E-02
8.400	003.99	27.0	205	21.62	-4.464E-01	2.350E-03		. 6 7 EE	361E	7.161E-02
76.500	66.700	27.6		29.CB		-5.018E-04	136			-1.529E-02
8.500	99.99	56.9	30E	29.01	-4.459E-C1	-2.123E-03			.359€	-6.4726-02
18.7CG	006.99	27.0	31E	28.95	-4.459E-01	-6.788E-04		. £24E	.359E	-2.069E-02
18.800	67.000	56.5	346	28. 88	-4.457E-01	-1.135E-04	368€			-3.455E-03
18.900	67.100	50.02	30E	28.86	-4.458E-01	-2.393E-05	3029·	.757E	365E	-7.293E-04
000.6	67.200	5.92		28.83	10-3195-5-	-2.115E-03			-1.36 CE 01	-6.447E-02
19.100	67.300	56.5	28E	28.78	-4.460E-01	-1.289E-03				-3.928E-02
2.200	67.400	56.5	SOF	58.15	-4.465E-01	-2.765E-03		£ 3E	. 361E	-8.428E-02
9.300	67.500	27.6	176	28.71	-4. 466E-01	-3.589E-04				-1.094E-02
19.400	67.600	27.0	1.0215 00	28.66	-4.463F-C1	2.033F-03	.632E	8-735E 02	.360E	6-197E-02
3.50c	67.700	27.5	3E2	28.62	-4.462E-01	-1.011E-03	94 IE		. 360E	-3.082E-02
209-51	67.800	27.6	1.026E 00	28.56			4.6548 02	8.705E 02	-1.3596 01	-5.903E-02
00/	006-19	27.0	215	28.53	-4.464E-01	- 5. 305E-04	1679.			-1.617E-02
15.806	000-89	21.5	ZIE	28.49	-4.461E-01	-3.787E-04			-1.360E 01	-1.1546-02
0000	001.69	21.5	212	28.41	-4.46ZE-01	-1.451E-05			-1.360E 01	-2.271E-03
80.000	007-89	21.5	ZZE	28.40	-4.459E-01	-2.25 /E-03			-1.359E 01	-6.878E-02
201-08	000.30	20,70	5 6	28.35	10-3/65-6-	-10401-			10 3666 1-	- 3. Mer-02
002-00	004.00	22.0	300	20.02	13-306-6-	-2.3515-05	4.7146 02	20 21 10 0	10 3026 1	-1035-02
400	69.400	26.6	4 25	17.07	10-3644-4-	1.6066-03		8 6746 02	10 3966	4 BOOK 02
200	68-700	24.6	107		-4.446E-01	-6. 18 CE-04		A. CACE 02	•	-1 8845-02
86.660	68-800	27.5	505		-4.446 F-01	-1-300F-03	279	8. 647F 02	-1.355F 01	-3.96 3E-02
0.700	63.900	26.5	416		-4.448E-C1	-	23E	8.545F 02	-1.356F 01	9-564F-03
80.800	000.69	27.0	119			-1.054E-03		8. 524E 02		-3.2136-02
80.900	65.100	27.6	1.0365 00	27.98	453E-	2.0645-04		8.527E 02	.357	6.292E-03
0000-18	69.200	27.6	35E		-4.453E-G1	-1.400E-03	34€	35 15		-4.267F-02
1.100	65.300	27.0	345		-455E-	-	BSE		-1.35EE 01	-2.136F-02
.200	\$	27.6	352		-457E-	-9.721E-04	567E	3361	-1.359E 01	-2.963E-02
81.300	69.500	56.9	43E	27.11	-4. 447E-01	8.606E-04	32E		-1.356E 01	2.623E-02
1.400	009-59	27.1	33E	27.17	-4.453 F-01	8 -825E-04	36	4 4 E	-1.357E 01	-3069

EXPERIMENTAL DATA

VARIABLE LENGTH CAPLE SYSTEMS DYNAMICS

200	4.10		*******			AT 1 30 1310	15000	4510154			12221
1146	1180	ANGLE	Mr. I Ch 3 I		LENGIN	VELOCITY	4000	LENSICA	LENGIL	AECOCIII	ALLEL.
SEC	SEC	DEG	res		FT	FT/SEC	fT/SEC/SEC	CRAM	3	CP/SEC	CP/SEC/SEC
36.	65.800	27.0	39	00	11.12	-4.461F-01	-2.1405-03	. 652F G		7	-8.351E-0
81. 700	66.500	31.6	34	00		.462F	5.1496-04	O		-1.360E	. 752
1.809	70.000	27.5		00	27.62	-4.460F-01	1.1096-05	0	8.4176 02	-1-	4
81.900	79.100	26.5	24	00	27.58	-4.459E-01	-2.577E-04	.646E C.		-1.359€	-7.855E-03
2.330	70.200	26.5	19	00	27.47	-4.452E-01	-2.9916-03	0 36600		-1.357E	-9.116E-02
82.100	70.300	26.5	39	00	27.46	-4.461E-C1	-2.268E-03	0		-1.360E	1
82.200	76.400	27.6	90	00	27.44	-4.464E-01	-3.3026-03	0		-1.361E	-1.007E-01
92.300	76.500	27.6	BE.	20	27.39		.963	17E 0		-1.362E	1.5136-02
2000	70.600	27.6	JO.	00	27.36	-4-465E-01	. 421	625F 0		-1.3616	7.380F-(
82.500	76.700	27.6	35	00	27.30	-4-4636-01	-6-228F-04	O JAF O		-1.360F	-1. P9RF-
009	73.500	27.6		20	27.26			0 3226		-1.3616	-4.3575-
82.700	76.500	27.0	1114		27 23		1	L'CE O		-	-2.3036-02
000	21 000	27 6		9 6	21 10	•	700	2001		3416	-2 11 15-
000	200	1017		200	23 23	•	0 4	2000	מינים ביים	10 30 10 0	201116
2000	11.100	1017		200	21.12	•	40169	26100	8.201E 02	-1.5012	20-3867-1-
23.000	007.11	1.12	1	00	21.10	.463	-2.263E-US	.0:0t		-1.301	-0.83/
3.100	11.300	27.1	3E	00	51.05		2.8031-05		8.244E 02	-1.361E	8.543E-
007.	11.400	27.1	21	00	10.73	-4.467E-01	-2.440E-03			-1.3616	-7.438E-
3.300	11.500	27.6	12E	00	56.96	-4.466 E-01	-3.083E-04			-1.3616	-9.397E-03
004.1	71.600	26.5	35	20	15.92	-4.465E-01	1.4146-03	4.649E 02	8.202E 02	7	4.309E-
3.500	11.700	27.0	86	00	26.86	-4.463E-01	-1.003E-03	4.662E 02	200	-1.360E	-3.057E-
83.600	71.800	26.5	50	00	26.80	-4.463 E-01	-2.112E-03	4.670E 02	8.1676 02	-1.36CE	-436E-
3.700	11.900	26.5	8.	00	20.74	-4.462E-01	-3.965E-05			-1.3608	-1.208E-03
9.800	12.000	56.5	55	00	26.72	-4.461E-01	-8.600E-04	-¢ 50E		-1.36CE	-2.621E-02
3.900	12.100	27.6	3.	00	56.66	-4. 462 E-01	9.775E-05	126		-1.360E	2.980E-
4.000	12.200	27.0	99	00	29.92	-4.463E-01	-2.320E-03		136	-	-7.072F-02
1.100	12.300	27.0	86	00	26.57	-4.463 E-01	-8.463E-04		35 S	-1.360E	-2.579E-
4.200	12.400	27.0	¥;	00	\$ 6 . 6 4	-4.466E-01	-3.00 /E-03		388	-1.3616	-9.16E-
. 300	12.500	27.0	36	00	56.49	-4.465E-01	-3.862E-04		356	-1.3616	-1.177E-02
1.466	12.000	23.6	35	00	26.45	-4.460 E-01	1.7086-03		319	7	5.207E-
.500	72.700	27.1	50	00	26.40	-4.459E-01	-1.658E-03		48E	-1.359E	-5.176E-02
84.600	12.800	21.5	5:	00	20.39	-4.464E-01	-2.226E-03		***	-1.361E	-6.786F-02
. 100	12.900	27.6	JIE.	00	26.34	-4.464 E-01	4.826E-04	-	28E	-1.36 IE 01	1.471F
. 800	13.000	27.6	10	00	26.30	-4.463E-01	-1.565E-03	392	.017E	-1 .360E	-4.769E-02
006 -	13.100	27.0	4E	00	20.25	-4.465E-01	-6.104E-04		31 33 ·		-1.861E-
00000	13.200	27.6	1E	00	26.19	-4.466E-01	-2.354E-03	30E	-583€	-1.361E	-7.176F
9.100	13.300	56.92	397	00	26.15	-4.466E-01	-9.570E-05	4.652E 02	\$71E	-1.3616 01	-2.9176-03
3,266	73.400	5992	4E	00	26.09	-4.468E-01	-2.29 dE-03	.645E	3365.	-1.362E	-7.005E
2.300	73.500	27.5	46	20	26.03	468	-6.002E-04		.934€	-1.362E	-1.829E-
2.400	13.600	27.0	.50	00	26.01	-4.466E-01	1.592E-03			-1.36 LE	.853F
2.500	13.100	21.6	592	00	25.57	-4.463E-01	-1.680E-03	170	3416€		-5.121F
2.604	73.800	27.6	32	00	25.91	-4.465E-01	.054	4.038E 02	7	-1.361E	
9.760	13.900	27.6	86	00	25.87	-4.466 E-01	1.0675-03			-1.361E	3.252E-02
2.800	14.000	27.1	16	00	25.83	-4.463E-01	-8-429E-04			-1.360E	-2.569E-02
85.300	74.100	27.0	17.	00	25.79	-4.463E-01		386	1293	-1.360	-3490·
0000 -9	14.200	27.6	15	00	25.76	-4-466 E-01	-2.8516-03	4-1.415 02		-	
				֡				30	-		36000

EXPERIMENTAL CATA

VARIABLE LENGTH CABLE SYSTEPS DYNAMICS

56 188 FT FT/5FC 30 74,400 27.1 1.022E 0.0 25.65 -4466E-01 300 74,400 27.1 1.024E 0.0 25.62 -4465E-01 300 74,600 27.1 1.024E 0.0 25.67 -4465E-01 300 74,600 27.1 1.024E 0.0 25.47 -4465E-01 300 74,600 27.1 1.024E 0.0 25.47 -4465E-01 300 75,000 27.2 1.023E 0.0 25.47 -4465E-01 300 75,000 27.2 1.023E 0.0 25.47 -4465E-01 300 75,000 27.2 1.028E 0.0 25.47 -4465E-01 300 75,000 27.2 1.028E 0.0 25.47 -4465E-01 300 75,000 27.2 1.028E 0.0 25.43 -4465E-01 300 75,000 27.2 1.028E 0.0 <t< th=""><th></th><th></th><th></th><th></th><th>4ccer.</th></t<>					4ccer.
74.400 27.1 1.0226 00 25.65 -4.466E-01 74.500 27.2 1.0226 00 25.67 -4.465E-01 74.900 27.2 1.0228 00 25.47 -4.465E-01 75.900 27.2 1.0228 00 25.47 -4.465E-01 75.200 26.5 1.0238 00 25.27 -4.465E-01 75.200 27.2 1.0238 00 25.29 -4.465E-01 75.200 27.2 1.0238 00 25.09 -4.465E-01 75.200 27.2 1.018 00 25.09 -4.465E-01 75.200 27.2 1.018 00 25.09 -4.465E-01 75.200 27.2 1.018 00 24.77 -4.465E-01 76.200 27.2 1.018 00 24.77 -4.465E-01 77.200 27.2 1.008 00 24.27 -4.465E-01 77.200 27.2 1.008 0	-:	GRAW.	t	CWISEC	CH/SEC/SEC
74,500 27.C 1.024E 0.0 25.62 -4.465E-01 74,000 27.C 1.025E 0.0 25.47 -4.465E-01 74,000 27.C 1.025E 0.0 25.47 -4.465E-01 74,000 27.C 1.025E 0.0 25.47 -4.465E-01 75,100 26.5 1.035E 0.0 25.47 -4.465E-01 75,200 27.C 1.025E 0.0 25.27 -4.465E-01 75,200 27.C 1.031E 0.0 25.27 -4.465E-01 75,500 27.C 1.011E 0.0 25.27 -4.465E-01 76,100 27.C 1.011E 0.0 25.05 -4.465E-01 76,100 27.C 1.011E 0.0		4.636E 02	7.815E 02	-1.361E 01	-5.990E-0
74,000 27.0 1.0265 CC 25.57 -4,656-01 74,900 27.0 1.0255 0.0 25.55 -4,466-01 74,900 27.0 1.0255 0.0 25.43 -4,466-01 75,000 27.0 1.0255 0.0 25.27 -4,466-01 75,000 27.0 1.0315 0.0 25.27 -4,466-01 75,100 26.5 1.0315 0.0 25.27 -4,466-01 75,200 27.0 1.0316 0.0 25.27 -4,466-01 75,200 27.0 1.0286 0.0 25.27 -4,466-01 75,200 27.0 1.0286 0.0 25.27 -4,466-01 75,200 27.0 1.0186 0.0 25.27 -4,466-01 75,200 27.0 1.0116 0.0 25.05 -4,466-01 76,200 27.0 1.0116 0.0 25.05 -4,466-01 76,200 27.0 1.0116 0.0 25.05	8.63 i E-04	. £ 45E		1.361E	
74.700 27.C 1.0272 00 25.55 -4.465 E-01 75.000 27.C 1.0232 00 25.47 -4.466 E-01 75.000 27.C 1.0232 00 25.27 -4.466 E-01 75.000 27.C 1.0232 00 25.27 -4.466 E-01 75.200 26.5 1.0332 00 25.27 -4.465 E-01 75.200 26.5 1.0332 00 25.27 -4.465 E-01 75.200 27.C 1.0232 00 25.27 -4.465 E-01 75.200 27.C 1.0132 00 25.29 -4.465 E-01 75.200 27.C 1.0132 00 24.67 -4.465 E-01 75.200 27.C 1.0142 00 24.27 -4.465 E-01 75.200 27.C 1.0142 00 24.27 -4.465 E-01 75.200 27.C 1.0052 00 24.27 -4.465 E-01 75.200	1.775E-03	1959.		3616	5.409E-0
74.700 27.C 1.023. 00 25.47 -4.466.E-01 75.200 27.C 1.025. 00 25.43 -4.466.E-01 75.200 26.5 1.031. 00 25.22 -4.466.E-01 75.200 26.5 1.031. 00 25.29 -4.465.E-01 75.200 26.5 1.031. 00 25.29 -4.465.E-01 75.200 27.C 1.028.E 00 25.29 -4.465.E-01 75.200 27.C 1.028.E 00 25.29 -4.465.E-01 75.200 27.C 1.028.E 00 25.09 -4.465.E-01 75.200 27.C 1.019.E 00 25.09 -4.465.E-01 75.200 27.C 1.019.E 00 25.09 -4.465.E-01 76.200 27.C 1.011.E 00 24.97 -4.465.E-01 76.200 27.C 1.011.E 00 24.97 -4.465.E-01 76.200 27.C 1.011.E 00 24.87 -4.465.E-01 77.200 27.C 1.002.E 00 24.87 -4.465.E-01 7	-1.787E-03	4.658F 02	-	-1.361E 01	-5.447E-02
74,900 27.6 1,025.5 0.0 25.43 -4,466E-01 75,000 27.6 1,023E 0.0 25.27 -4,465E-01 75,200 26.5 1,033E 00 25.29 -4,465E-01 75,400 27.6 1,033E 00 25.29 -4,465E-01 75,400 27.6 1,033E 00 25.29 -4,465E-01 75,500 27.6 1,033E 00 25.29 -4,465E-01 75,500 27.6 1,038E 00 25.09 -4,465E-01 75,500 27.6 1,038E 00 25.09 -4,465E-01 76,000 27.0 1,038E 00 25.09 -4,465E-01 76,200 27.0 1,038E 00 25.09 -4,465E-01 76,200 27.0 1,038E 00 25.09 -4,465E-01 76,200 27.0 1,038E 00 25.09 -4,465E-01 76,500 27.0 1,038E 00 24.77 -4,465E-01 76,500 27.0 1,038E 00 24.67 -4,465E-01 76,500 27.0 1,038E 00 24.67 -4,465E-01 77,000 27.0 1,038E 00 24.29 -4,465E-01 77,000 27.0 1,005E 00 24.29 -4,465E-01 77,000 27.0 1,0	-2.525E-03	30400	764E	.36 1E	-7.695E-02
75.100 27.C 1.079E UU 25.27 -4.465E-01 15.200 26.5 1.031E UC 25.22 -4.466E-01 15.200 26.5 1.031E UC 25.25 -4.466E-01 15.300 27.C 1.031E UC 25.25 -4.465E-01 15.300 27.C 1.028E UC 25.21 -4.465E-01 15.200 27.C 1.028E UC 25.21 -4.465E-01 15.200 27.C 1.028E UC 25.21 -4.465E-01 15.200 27.C 1.028E UC 25.03 -4.465E-01 15.200 27.C 1.018E UC 25.03 -4.465E-01 15.200 27.C 1.011E UC 24.92 -4.465E-01 17.200 27.C 1.001E	3.82 35-04	3540.		319E°	1.167E-0
75.100 26.5 1.0335 CC 25.22 -4.466E-01 75.200 26.5 1.0315 DO 25.29 -4.465E-01 75.400 27.6 1.028E DO 25.29 -4.465E-01 75.500 27.6 1.028E DO 25.25 -4.465E-01 75.500 27.6 1.028E DO 25.25 -4.465E-01 75.800 27.6 1.0195 DO 25.09 -4.465E-01 75.900 27.6 1.011E DO 25.09 -4.465E-01 76.300 27.6 1.011E DO 24.57 -4.465E-01 76.300 27.6 1.011E DO 24.57 -4.465E-01 76.400 27.6 1.011E DO 24.67 -4.465E-01 76.400 27.6 1.011E DO 24.67 -4.465E-01 76.500 26.5 1.011E DO 24.67 -4.465E-01 76.500 26.5 1.011E DO 24.67 -4.465E-01 76.500 26.5 1.011E DO 24.67 -4.465E-01 77.200 27.6 1.001E DO 24.67 -4.465E-01 77.200 27.6 1.001E DO 24.67 -4.465E-01 77.200 27.6 1.001E DO 24.67 -4.465E-01 77.200 27.1 1.003E DO 24.67 -4.465E-01 77.200 27.1 1.003E DO 24.67 -4.465E-01 78.200 27.1 1.005E DO 24.67 -4.465E-01 78.200 27.1 1.001E DO 24.67 -4.465E-01	-1.440E-03	.067E	7.123E 02	.361E	390E-0
75.200 26.5 1.031E 00 25.29 -4.465E-01 15.300 22.5 1 1.030E 00 25.25 -4.465E-01 15.500 27.0 1.028E 00 25.13 -4.465E-01 15.500 27.0 1.028E 00 25.13 -4.465E-01 15.500 27.0 1.028E 00 25.13 -4.465E-01 15.500 27.0 1.028E 00 25.09 -4.465E-01 15.500 27.0 1.018E 00 25.09 -4.463E-01 15.500 27.0 1.011E 00 24.92 -4.463E-01 15.500 27.0 1.011E 00 24.92 -4.465E-01 17.200 27.0 1.002E 00 24.92 -4.465E-01 17.200 27.0 1.002E 00 24.92 -4.465E-01 17.200 27.0 1.002E 00 24.93 -4.465E-01 17.200 27.0 1.001E 00 24.93 -4.465E-01 17.200 27.0 1.00	7.583E-05				4.313E-0
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77.000 27.0 1.0115 00 24.51 -4.461E-01 77.200 27.0 1.0116 00 24.47 -4.464E-01 77.200 27.0 1.0116 00 24.47 -4.464E-01 77.200 27.0 1.0116 00 24.37 -4.465E-01 77.400 27.0 1.0125 00 24.39 -4.465E-01 77.400 27.0 1.005E 00 24.29 -4.465E-01 77.400 27.1 1.002E 00 24.19 -4.464E-01 78.200 27.0 1.000E 00 24.09 -4.465E-01 78.200 27.0 1.002E 00 23.94 -4.462E-01 78.400 27.0 1.002E 00 23.94 -4.462E-01 78.400 27.0 1.002E 00 23.94 -4.464E-01 78.400 27.0 1.001E 00 23.99 -4.464E-01 78.500 27.0 1.001E	9.857E-04	. 558E		.360E	3.005E-0
77.100 27.0 1.010E 00 24.47 -4.464E-01 77.200 27.0 1.011E 00 24.47 -4.464E-01 77.200 27.1 1.011E 00 24.42 -4.464E-01 77.300 27.0 1.011E 00 24.29 -4.465E-01 77.400 27.0 1.005E 00 24.29 -4.465E-01 77.600 27.1 1.005E 00 24.29 -4.465E-01 77.700 27.1 1.003E 00 24.29 -4.465E-01 77.800 27.1 1.003E 00 24.29 -4.464E-01 77.800 27.1 1.002E 00 24.69 -4.464E-01 78.000 27.0 1.000E 00 24.69 -4.465E-01 78.100 27.0 1.002E 00 23.94 -4.462E-01 78.300 27.0 1.002E 00 23.98 -4.465E-01 78.400 27.0 1.002E 00 23.99 -4.464E-01 78.400 27.0 1.002E 00 23.99 -4.464E-01 78.500 27.0 1.001E 00 23.99 -4.464E-01	-1.222E-03	396€	72E	.360E	-3.723E-0
77.200 27.C 1.011E 00 24.42 -4.464E-01 -77.300 27.C 1.012E 00 24.39 -4.465E-01 -77.400 27.C 1.012E 00 24.39 -4.465E-01 -77.500 27.C 1.005E 00 24.39 -4.465E-01 -77.600 27.C 1.005E 00 24.29 -4.465E-01 -77.700 27.1 1.003E 00 24.27 -4.465E-01 -77.900 27.1 1.002E 00 24.19 -4.465E-01 -77.900 27.1 1.002E 00 24.19 -4.465E-01 -78.000 27.C 1.000E 00 24.05 -4.465E-01 -78.200 27.C 1.000E 00 24.05 -4.462E-01 -78.200 27.C 1.001E 00 23.94 -4.462E-01 -78.400 27.C 1.001E 00 23.99 -4.467E-01 -78.500 27.C 5.559E-01 23.99 -4.467E-01 -78.500 27.C 5.659E-01 23.99 -4.465E-01	-3.637E-04	. 581E	.457E		-1.108F-0
77.300 27.C 1.011E 0C 24.29 -4.463E-01 77.500 27.C 1.012E 0O 24.29 -4.465E-01 77.500 27.C 1.005E 0O 24.29 -4.465E-01 77.500 27.C 1.005E 0O 24.29 -4.465E-01 77.500 27.L 1.005E 0O 24.29 -4.465E-01 77.500 27.1 1.003E 0O 24.19 -4.465E-01 77.500 27.1 1.002E 0O 24.19 -4.465E-01 78.000 27.C 1.000E 0O 24.09 -4.462E-01 78.200 27.C 1.000E 0O 24.09 -4.462E-01 78.400 27.C 1.001E 0O 23.94 -4.462E-01 78.400 27.C 5.59E-01 23.98 -4.465E-01 78.500 27.C 5.59E-01 23.99 -4.465E-01 78.500 27.C 5.59E-01 23.99 -4.465E-01 78.500 27.C 5.659E-01 23.99 -4.465E-01 78.500 27.C 5.659E-01 23.99 -4.465E-01 78.500 27.C 5.659E-01 23.99 -4.465E-01	-2.339E-03	39 B	43E		
77.400 27.0 1.0125 00 24.34 -4.465E-01 -77.500 27.0 1.005E 00 24.29 -4.465E-01 -77.500 27.1 1.005E 00 24.29 -4.465E-01 -77.500 27.1 1.005E 00 24.29 -4.465E-01 -77.400 27.1 1.003E 00 24.19 -4.464E-01 -77.900 27.1 1.003E 00 24.19 -4.464E-01 -78.100 27.0 1.000E 00 24.09 -4.465E-01 -78.200 27.0 1.000E 00 23.94 -4.462E-01 -78.400 27.0 1.002E 00 23.94 -4.467E-01 -78.400 27.0 1.002E 00 23.94 -4.464E-01 -78.400 27.0 1.001E 00 23.99 -4.464E-01 -78.500 27.0 1.001E 00 23.99 -4.464E-01 -78.500 27.0 1.001E 00 23.92 -4.464E-01 -78.500 27.0 1.001E 00 23.92 -4.464E-01	-1.29 7E-03	7	.435€		-3.5.3E-0
77.500 27.C 1.005E 00 24.29 -4.466E-01 77.500 27.C 1.005E 00 24.27 -4.465E-01 77.700 27.1 1.003E 00 24.27 -4.465E-01 77.800 27.1 1.003E 00 24.29 -4.463E-01 77.800 27.1 1.003E 00 24.19 -4.464E-01 78.000 27.1 1.002E 00 24.09 -4.463E-01 78.200 27.0 1.000E 00 24.09 -4.463E-01 78.200 27.0 1.002E 00 23.94 -4.462E-01 78.300 26.5 1.001E 00 23.94 -4.464E-01 78.500 27.0 5.559E-01 23.85 -4.464E-01 78.500 27.0 1.001E 00 23.82 -4.464E-01 78.500 27.0 1.001E 00 23.82 -4.464E-01 78.500 27.0 1.001E 00 23.82 -4.464E-01	-2.550E-03	4.591E 02	.420E		-7.772E-02
77.600 27.C 1.005E 00 24.27 -4.465E-01 77.700 27.1 1.003E 00 24.29 -4.463E-01 77.900 27.1 1.002E 00 24.19 -4.463E-01 77.900 27.1 1.002E 00 24.19 -4.463E-01 78.000 27.C 1.002E 00 24.05 -4.463E-01 78.200 27.C 1.002E 00 24.05 -4.462E-01 78.300 27.C 1.002E 00 23.58 -4.462E-01 78.400 27.C 5.559E-01 23.99 -4.467E-01 78.500 27.C 5.559E-01 23.99 -4.467E-01 78.500 27.C 5.559E-01 23.99 -4.467E-01 78.500 27.C 1.001E 00 23.52 -4.465E-01	-3.015E-04	4.557E 02	_	36 1E	-9.189E-
77.700 27.1 1.003E 00 24.23 -4.463E-01 -7.860 27.1 1.003E 00 24.19 -4.464E-01 -7.860 27.1 1.002E 00 24.19 -4.464E-01 -7.890 27.1 1.002E 00 24.19 -4.463E-01 -7.8.100 27.0 1.000E 00 24.09 -4.462E-01 -7.8.200 27.0 1.002E 00 23.98 -4.462E-01 -7.8.400 27.0 5.559E-01 23.99 -4.467E-01 -7.8.500 27.0 5.559E-01 23.99 -4.467E-01 -7.8.500 27.0 1.001E 00 23.92 -4.465E-01 -7.8.500 27.0 1.001E 00 23.92 -4.462E-01	7.157E-04	4.556E 02	.388E		2.182E-C
77.600 27.1 1.003E 00 24.19 -4.464E-01 -7.900 27.1 1.002E 00 24.19 -4.464E-01 -7.900 27.1 1.002E 00 24.09 -4.463E-01 -7.9100 27.0 1.000E 00 24.09 -4.462E-01 -7.9200 27.0 1.002E 00 23.98 -4.462E-01 -7.9200 27.0 5.559E-01 23.99 -4.464E-01 -7.9200 27.0 5.559E-01 23.99 -4.464E-01 -7.9200 27.0 1.001E 00 23.92 -4.464E-01 -7.9200 27.0 1.001E 00 23.92 -4.462E-01	-1.079E-03	4.54SE 02	. 36 SE .	309E.	3.290
77.900 27.1 1.002E 00 24.14 -4.463E-G1 78.000 27.0 1.000E 00 24.09 -4.463E-G1 78.100 27.0 1.000E 00 24.09 -4.462E-01 78.200 27.0 1.002E 00 23.98 -4.462E-01 78.400 27.0 5.59E-01 23.99 -4.464E-01 78.500 27.0 5.59E-01 23.99 -4.464E-01 78.500 27.0 5.59E-01 23.89 -4.464E-01 78.500 27.0 1.001E 00 23.62 -4.462E-01	-1.675E-03	4.550£ 02	7.373E 02		-5.105E-C
78.000 27.0 1.000; 00 24.09 -4.463E-01 78.100 27.0 1.001; 00 24.05 -4.462E-01 78.200 27.0 1.002E 00 23.98 -4.465E-01 78.400 27.0 1.001E 00 23.99 -4.464E-01 78.500 27.0 5.59E-01 23.90 -4.467E-01 78.500 27.0 5.59E-01 23.95 -4.467E-01 78.500 27.0 1.001E 00 23.62 -4.462E-01	5.530E-04	4.544E 02	357E	360E	1.686
78.100 27.C 1.0C1F 00 24.05 -4.462E-01 -78.200 27.0 1.002F 00 23.58 -4.462E-01 -78.300 26.5 1.0C1F 00 23.94 -4.464E-01 -78.400 27.C 5.559E-01 23.96 -4.467E-01 -78.500 27.C 1.001F 00 23.P2 -4.464E-01 78.600 27.C 1.001F 00 23.P2 -4.462E-01	-1.304E-03	4.536E 02	. 344E		3.973
78.200 27.0 1.002E 00 23.98 -4.462E-01 -78.300 26.5 1.001E 00 23.94 -4.464E-01 -78.400 27.0 5.59E-01 23.90 -4.464E-01 -78.500 27.0 5.59E-01 23.85 -4.464E-01 78.500 27.0 1.001E 00 23.82 -4.465E-01	-1.299E-05	42E	7.331E 02	-1.360E 01	-3.959E-04
78.300 26.9 1.001E 00 23.94 -4.464E-01 -78.400 27.0 9.959E-01 23.90 -4.467E-01 -78.500 27.0 9.953F-01 23.85 -4.464E-01 78.600 27.0 1.001E 00 23.82 -4.462E-01	-	. 545E	. 305E	360E	5.655
78.400 27.C 5.559E-01 23.90 -4.467E-01 -78.500 27.C 9.553F-01 23.85 -4.464E-01 78.600 27.C 1.001E 00 23.P2 -4.462E-01	=	42E	.297E	34 1E	3.215
78.500 27.0 9.553F-01 23.85 -4.464E-01 78.600 27.0 1.001E 00 23.82 -4.462E-01	-	3716.		-	5.874
100 78.600 27.C 1.001E 00 23.P2 -4.462E-01		.515E	. 27CE	1.3616	3.375E-0
	.773	.541E	26 JE	1.360E	1.15CE-0
700 27.6 1.009E 00 23.75 -4.457E-C1 -	1.155	. 578E	.239E		-3.52 1E-02
60C 78.800 27.1 1.002E 00 23.74 -4.461E-01 -	1.280	5 44E	-237E	1.360F	3.903E-
700 78-500 77-6-01 23-70 -4-46-01		42 5	3366	3506	2 450E-0

EXPERIMENTAL DATA

VARIABLE LENGTH CARLE SYSTEMS DYNAMICS

(0)	PLN	3531.	TENSICN	LENG TH	GTH VELUCITY	ACCEL.	TENS ICA	LENGTH	VELOCITY	ACCEL.
SEC	2 P P P P P P P P P P P P P P P P P P P	DEG	LPS	FT	FT/SEC	FT/SEC/SEC	CRAM	5	CWISEC	CM/SEC/SEC
930	79.000	27.5	10-3560.6	23.66	-4.461E-01	-1.3145-03	4.533E G2	7.21 14. 62	-1 -360F 01	-4-005E-02
396.05	75.100	77.1		23.62	-4.463E-01	-5.120E-04	4.533E 02	7.159E 02	-1.360E 01	-1.561E-02
21.003	16.200	1.15		23.55	-4.459F-C1	-2.169E-03	3446			-6.61 IE-02
91.100	19.300	27.1	5.5 44E-01	53.54	-4.460E-01	-1.431E-03			1.359	-4.361E-02
91.200	15.490	27.1	1	53.50	-4.466 E-01		493€		.36 IE	-7.C45E-02
330	19.500	F10	5.533-01	53.45	-4.467E-01	*				1.052F-02
90+	15.000	21.6	0.966E-01	23.41	-4.465E-01	€ • 85 1E-04	4.520E 02		-1.361E 01	2.100E-02
9004	15.130	5.72	10-3935.5	.23.38	-4.465E-01		4.516E 02		1.361E	-3.809E-02
009.16	79.800	27.1	9.915=-01	23.31	-4.464E-C1	-2.107E-03			1.360€	-6.422E-02
201	19.900	56.5	6.4255-01	23.26	-4.455 E-01	2.912E-04		7. CS 1E 02	319E.	8.876E-03
300	80.000	27.1	6.652-01	23.22	-4.461E-01	-1.592E-03	4.532F 02		-1.360E 01	-4.853E-02
006	80.100	5092	1.003F UO	23.18	-4.461E-01	-2.201E-04	4.547E 02		-1.360E 01	-6.709E-03
000.	80.200	27.6	1. CC4F 0C	23.13	-4.458E-01	-2.111E-03			-1.35SE C1	-6.434E-02
001	80.300	27.6	1.CC4E 0C	23.08	-4.457E-01	-1.066E-03			.358E	-3.250E-02
200	86.400	27.1	10-3195°5	23.05	-4.464E-01	-1.455E-03				-4.557E-02
300	86.500	27.1	1.005E 00	55.53	-4.4598-01	8.606E-04			-1.359E 01	2.623E-02
600	80.600	27.1	1.005 00	75.54	-4.46UE-01	7. E54E-04		-	365€	2.394F-02
200	86.700	27.6	1.004 00	22.90	-4.458E-01	-8.005E-04		6.58 IE 02		-2.440E-02
209	80.800	27.1	5.987E-01	22.81	-4.458E-C1	-1.276E-03		6.572E 02	395€	-3.88E-02
92. 700	80.400	27.1	1.010E 00	22.83	-4.452E-01	4.825E-04	4.583E 02	6.557E 02	-357E	2.082E-02
960	81.000	27.6	1.0015 00	22.80	194.	-1.269E-03	.540F	6.551E C2	- 360E	-3. 869E-02
006	81.100	21.5	9.5 78E-01	22.76	. 463E	-	326E	100	.360	-2.375E-02
200	007-18	2000	10-369-6	01.77	-4.439E-01		. 324t		3596	-1.866E-02
001	81.400	3.12	10-3025-5	55.66	.462t	-2.184E-03		ш (. 36 GE	-6.657F-02
200	000.18	33.5	10-36166	13.77	-4-40ZE-01	+0-344-0-	32 /E	6.891E 02	-1.360E 01	
300	81.500	31.1	1.000E 00	22.30	•	\$-680E-04			3006	-3200
000	001-18	2017	19-3266	75 - 77	-4.462E-01	1.5591-04	2014	6.865E 02	- 300E	4.751E-03
200	81.700	27.6	10-3575.6	22.41	-4.460E-01	-1.819E-03	357E	76	.359E	'n
209	81.800	26.5	4.99201	22.44	-4.460 E-01	-8-456E-04	. 532E	6. E4 IE 02	1 . 360E	-2.577E-02
200	006-18	1.17	10-1105.5	24.77	10-3104-6-	-2.051E-06	2916		- 300E	-6.251E-05
93. 800	82.000	233	10- 206.6	72.37	-4.463E-01	-1.5856-03			1.360E	4.832E-
200	001.78	1.17	10-214-5	25 - 35	10-3604-6-	-4-014E-04		9000	. 36 CF	-1.242F-UZ
000	82.200	1.17	10-1515-5	17.77	4035	-2-11-E-03	3665	2	- 300E	-6.626F-02
201	82,300	1017	2. 988E-01	77.77	10-3/04-6-	-2.088E-03	.455			36 35-
007	82.400		10-3206-5	81.77	104.	-1.4446-03	3764.		. 30 IE	-4.4011-02
006	82.500	0.72	9.918E-01	67.72	-4.46BE-01	8.237E-04	459E	31.	1.362E	2.5116-02
304	82.600	27.1	10- 858-5	27.12	-4.466 E-01		306	6. 14 IE 02	1.361E	1.192E-02
200	85.100	27.1	2.96301	55.65	-4.465E-01	-1.5705-03		_	.361E	\$
9009	82.800	27.0	9.9156-01	51.99	-4.468E-01	-6.378E-04	36	6. 704E 02	.362E	7
100	85.900	27.6	10-3506.5	21.54	-4.466 E-01	5.96 EE-04			1.36 1E	81SE-
900	83.000	27.6	25	21.90	-4.467E-01	-1.751E-03			_	-5.338F-02
006	83.100	56.5	5.907F-01	21.84	-4.465E-01	2.415		6.457E 02	1.361	-7.5431-03
000	83.200	27.6	5.919E-01	21.81	.466 €	218		6.648E GZ	1.361E	979
100	83.300	27.6	9.926€-01	21.17		556			-1.361E 01	
25.200	83.400	27.6	9.940E-01	21.12	-4.467E-01	-8.177E-04		6. £2 1E 02	-1.362E 01	-2.675E-0
300	003.10	111	ž	07				1 1 1		

EXPERIMENTAL CATA

VADTABLE LENGTH CAPLE SYSTEMS DYNAMICS

FT FT/SEC FT/SEC/SEC GRAW
-4.466E-C1 2.434F-U4 4.
55 -4.466E-01 -9.604E-04
.49 -4.465 E-01 -1.896 E-03 4.
.44 -4.465E-01 -7.793E-05 4
-4.466F-01 -1
168E-01 -2.051E-03 4
- 4
-4.468E-01 -2.393E-05
-4.468E-01 -1.399E-03 4
-4.468E-01 -7.875E-04 4
1 1.40 8E-04
-4.467E-01 -2.036E-03
20.99 -4.468E-01 -8.634E-04 4.563E
-4-468F-01 -2-425F-03
-4.469E-01 -6.460E-04
-4.468E-01 9.919E-04 4
-4.466E-01 -2.133E-04 4
20.73 -4.466E-Q1 -1.436E-Q3 4.575
-4.467E-01 -4.020E-04
-4.467E-01 -1.128E-04
20.53 -4.466E-01 -9.208E-04 4.571E
-4.468F-01 -3.121F-03
-4.469E-01 -1.633E-03
-4.469E-01
_
-4.465 [-01 -1
-4.469E-01
-4.4665-01
-4.468E-01 -2.155E-03
-4-46 /E-01 3-35 0E-04
-4-467E-01 -1.256E-03
-4.467E-01 -3.052E-03 4.
-4.469E-01 -4.915E-04
1 3.835E-04 4
-4.468E-01 -2.762E-04 4
-4.468E-01 -1.561E-03 4
40-
-4.467E-01 -5.134E-04 4.
4 -4.468 F-01 -1.164F-03

EXPERIMENTAL DATA

VARIABLE LENGTH CRELE SYSTEMS DYNAMICS

RCDR	RUN	0551.	TENSICN	LENG TH	GTH VELOCITY	ACCEL.	TENS ICA	LENGTE	VELOCITY	ACCEL.
SEC	SEC	DEG	LBS	FT	FT/SEC	F1/SEC/SEC	GRAP	5	CW/SEC	C#/SEC/SEC
000.00	88.200	37.1	00 9010-1				2005		-1.3626 01	-1-8136-02
001.00	88.300	27.6	1.9075 00	19.58	!	-2.888F-03	4.568E 02	5, 567E 02	1.362E	
00.200	86.490	27.1	1.9625 00		468	5.82	545E		1.362	2.594
100.300	88.500	27.0	9.9125-01	19.49	-369b.	35	. 523E		1.362E	=
00.400	68.600	27.1	5.563E-01	19.44	4	-3.233E-04			362E	155
005.00	89.700	27.6	9.c 12E-01	19.61	-468E-	-1.436E-03			1.362E	378
009 -00	608.88	27.1	10-3696-5	19.38	.467	3.056			1.362E	-9.314E-03
00. 000	84.900	27.6	8.5615-01	19.34	-4.466E-01	-3.302E-04				-1.006E-02
006.00	89.000	27.1	9.9625-01	19.29	-4.468E-01	-1.563E-03			-	-4.824E-03
00° 30C	85.100	27.1	9.9545-01	19.24	467E-	-1.337E-03			1.362E	-4.076E-0
01.000	66.203	27.6	1.CCC= 00	19.19	-4.467E-01	-8.333E-04	4.5366 02		1.3616	-2.540E-0
001-10	89.300	26.5	1.002E 00	19.13	-471E-	-2.221E-03				-6.170E-0
101.200	65.460	27.6		19.08	10-3014.4-	-6.0436-04				-1.842E-0
31.300	89.500	27.6		19.63	-4.471E-C1	-1.723E-04				-5.251E-0
005 - 10	89.600	27.6		18.97	-4.468E-01	-6.18UE-04			36 2E	-1.884E-0
005 -10	85.700	27.6		18.95	-4.469E-01	-1.0196-04	542E		-1.362E 01	-3.105E-0
101.600	89.800	27.6	ш	18.90	-4.468E-01	6.884E-04	4.544E 02		1.362E	2.098E-0
01. 700	85.500	27.6		18.85	465E-	-1.0526-03	4.545E 02		3616	-3.207E-0
01.800	90.030	27.1	1.003= 00	18.82	-4.466E-01	-1.464E-03	4.5498 02		-1.361E 01	-4.461F-0
006-10	901-36	27.1		18.77	-4.467E-01	-1.530E-03			1.361 €	-4.663F-0
05.000	20.200	27.1		18.73	467E-	-1.2536-03	4.551E 02		362E	-3.819E-0
102-100	90.300	27.0	1.0036 00	18.68	4.469E-	-2.792E-03	4.5516 02		1.362E	-8.509E-0
007.70	90.400	27.1		18.65	-4.467E-01	-3.192E-04			1.361E	-9.730E-0
107.300	005-35	21.6	1. COZE 00	18.61	4.4691-	9-1536-04			1.3026	2. ryak-0.
004.70	000.00	3.12		18.56	400F	-8.340E-05			3000	-2.544
300.70	2007	1.17		18.53	10-1/04-6-	-1.5235-04	4.5456 62		3100	0-3614-7-
2000	20.000	27.5	1.004E 00	18.48		-6-7205-04			10301	2002
200	00000	30.17		18.43		-0-2/22-2-			3706	0-60107-
000.00	000-16	36.6	00 2500-1	18.33	10-3604-4-	-1-4286-03	4.3386 02	5. 563E 02	10 36 26 01	20-344 E-02
2000	91 200	37.0		10.00	: .	50-141-1	200		3426	13860
	2002	33.6		36 91		-1.0636-03				-1.075E-0
33.700	91.000	27.6		18.21	460F-	-9.3386-04			1.3626	-2.866-0
33. 300	91.500	27.1		18-17	-469E-	2.379F-04			1.362E	7-2516-0
03.400	91.600	27.6		18.12	-469E-	-1-641E-04			1.362E	-5.001E-0
03.500	91.700	27.1		18.08	468	-7.451E-04	146		1.362E	-2.271E-0
03.600	\$1.800	27.1	1.020F 00	18.05	-3 8 6	-4.416E-04	.626E			-1.346F-0
03.700	81.500	27.1		17.99	99	-9.721E-04	387°			-2.963F-0
103.800	92.000	27.0		17.95	•	-1.1186-03	35E9		1.3626	-3.407E-0
03.900	62.100	27.1		17.92	-315	-2.816E-04	356		1.36 IE	-8.584E-0
000.40	92.230	27.6			-4.465E-01	-6.549E-04	9879 9		3616	-1.996F-0
04.100	92.300	27.1			-467E-	-3.021E-03	. 629E		1.362€	-9.209E-0
04.200		27.6			-468E-	-3.917E-04	38€		36 2E	-1.194E-02
04.300		27.6		17.72	-4.468F-01	.21	.639E		-	3.875
04.400	65.600	26.5			-4.467E-01	-6-6456-04	4.64SE 02		-1.361E 01	025
						,				

FXPERIMENTAL DATA

VARIABLE LENGTH CAELE SYSTEMS DYNAMICS

RCOK	RUN	USCL.	1ENSI CN	LENG TH	VEL CC 11Y	ACCEL.	TENSICA	LENGTH	VELOCITY	ACCEL.
SEC	SFC	296	195	11	FT/SFC	FT/SEC/SEC	GRAP	ð	CMISEC	CP/SEC/SEC
104.600	92.100	27.0		17.57	-4.468E-C1	-4.648E-04			.362E	-1.4176-0
104. 766	65.56	27.6	392	17.53			9£ 3E		36	-2.919E-0
104.900	93.000	27.6	345	17.50	-4.465E-01		34		319E.	4.396
006.401	93.130	27.6	1.022= 00	17.46	.466E	.936	. 634E		3198	-1.5046-02
105.000	93.200	27.6	215	17.42	10-3995-5-	-8-1356-04	3.6		.361E	
105.100	93.300	27.1	24E	17.38	. 468E-	-3146·	.643€		362E	8-964E-
105.200	93.400	27.1	35E	17.34	-3695.	-5.654E-04			362E	.736E-
105.300	93.500	27.6	35E	17.29					. 362E	
105.400	93.600	27.0	26¢	17.26	-4.467E-01	-5.547E-04			362E	-
105.500	63.700	27.6	28€	17.22	10-3694-4-	900.	919		36.2E	
105.600	93.800	27.1	275	17.17	-4.468E-01	-1.005E-04	3760.		362E	
105.700	93.900	27.0	25E	17.12	-4.469F-01	-1.146E-03	SIE		362E	
105.800	94.000	27.6	34E	17.08	-4.468E-01	-2.329E-03			.36 2E	-7.097E-0
105.900	94.100	26.5	25E	17.02	-4.471E-01	-1.389E-03			36 3€	
100.000	94.200	27.6	342	16.98	-4.470E-01	2.939E-05			363E	
106.100	94.300	27.6	28E	16.91	-4.470E-01	-2.622E-03	4.061E 02		362E	-7.993E-0
106.230	94.400	56.92	27E	16.89	-4.469E-01	-1.032E-04			1.362E	-3.146F-03
104.300	64.500	27.6	34E	16.85	-4.469E-01	-1.921E-04	476		-1.362E 01	-5.855E-03
106.400	24.400	27.0	263	16.81	-4.467E-01	-4.245E-04	35E		362E	-1.294E-0
106.500	94.700	27.0		16.77	-4.469E-C1	9.7C7E-05		5.111E 02	362E	2.959E-03
106.600	94.800	1.12	245	16.72	-4.466E-01	-5.359E-04			361E	-1.634E-0
106.700	94 -900	27.6	325	16.48	-4.466E-01	-1.429E-03			.361E	-4.357E-0
106. 400	95.000	27.1	322	16.64	-4.469E-01	-1.824E-03	4.638E 02	072E	1.362E	-5.559E-0
106.900	95.100	27.1	23E	16.60	-4.468E-01	-1.350E-03			36 ¿E	-4.115F-0
107.000	95.200	27.0	24E	16.56	-4.468E-01	-E. 17CE-04		38 40	362E	-2.673E-0
101.100	55.300	27.1	25E	16.52	10-4695-01	-3.0841-03	.651t			-9.399E-0
107.200	304.65	21.5	24E	16.47	-4.468E-01	-1.6135-04	3666	.04 JE	36.2E	-4-917E-0
107.300	006.66	1.72	367	16.43	-4.470E-C1	1.56 IE-04		-00et	3076	Z-304E-0
201-400	55.600	27.5	1.024F 00	16.38	-4.467E-01	1.40 IE-04	4.645E 02	4.551E 02	:.	4.271E-03
200.171	90.00	32.0	222	10.14	-4.409E-01	-3.403E-04		3196.	3706	-3.39
200	0000	24.5	177	10.21	10-3104-6-	1 8255-03	4. C. 30E 02			
107.800	96.000	27.6	2	16.18	-4.470E-01	-1-611F-03		9476	36.26	-4. 908F-02
167.500	96-100	27.0		16.15	-4-467F-01	-1-323E-03	.621E	523E	362F	-4.034 F-02
108.000	96.200	27.6	1.022E 00	16.12	-4.466E-01	-9.092E-04	.635E	9116	3616	-2.171E-02
108.100	96.300	27.1		16.07	-4.469E-C1	-2.939E-03	35E	. 85 BE	1.362€	-8.957E-0
108.200	54.400	27.6		16.02	-4.469E-01	-4.013E-04	31E	E E SE	362E	-
108.300	26.500	27.6		16.00	-4.468E-01	3.3156-04			362E	
108.400	96.600	27.0				-1.152E-03	58E	4. EGCE 02	362E	-3.515E-02
10€.50€	26.700	27.6		15.91	10-3194.4-	-3.281E-05			1.362E	
108.600	96.800	27.1		15.66	-4.467E-01	3.999E-04	347		.362E	1.21 SE-02
108.700	006.96	27.1		15.82	-4.466E-01	-6.159E-04		. 623E	1.361	
108.400	81.690	27.6		15.79	-4.466 E-01	-9.201E-04	36€ 00	. E 1 JE		- 805E
0	97.100	17.1		15.13		-1.30 8E-03	49E	.795€	1.361E	3.986F
105.000	\$1.200	27.6		15.69	-4-468F-01	-1.336F-03	4.64SF 02	4.767F C2	-1-342E 01	-4-0715-02
The same of the sa				١	,				:	

EXPERIMENTAL CATA

VARIABLE LENGTH CABLE SYSTEMS DYNAMICS

9S FT FT/SEC
15.59 -
15.54 -
- 03 - 20
12.46
15.43
13.53
15.34
15.29 -
15.24 -4.
00 15.20 -4
00 15.17 -4.
- 15.14 -
00 15
00
85 00 14.59 -4.1735-0
- 66.41 00
14.69
6E 00 14.84 -3.476F-0
18**1 00
- 08.41 00
- 87.41 00
- 14.74 0
- 61.73
14.71
14.68
14.67 -1
14.66 -
14.66 -
- 69.
14.64 -8.
14.64
14.61 -3.
14.62 -1
14.61 -7
14.61 -2.
14
14.61
14.63 -2.
00 14.65
- 49.41 00
- 14.64 -
- 14.65 -
- 14.65
14.47
14.61
10:41 00

EXPERIMENTAL CATA

VARTABLE LENGTH CAFLE SYSTEMS DYNAMICS

SUN	CSCL.	TENSICA	LENGTH	NGTH VELCCITY	ACCEL.	TENS ICN	L'ENGTH VELOC	VELOCITY	ACCEL.
TIPE	PACLE								
355	990	1.65	FT	FT/SEC	F1/SEC/SEC	GRAP	ð	CP/SFC	CM/SEC/SEC
0.6	27.1			-2.712F-03	-2.652E-04	4.591E 02	4.465E 02	-8.265E-02	-8.084E-03
0.0	27.1	175		-2.7776-03	-3.220F-04		4.467E 02	-8.464E-02	-9.814E-03
0.0	21.6	100		-2.6435-03	-1.545E-04		4.464E 02	-8.666E-02	-4.70SE-03
0.0	27.0	1.017. 00	14.64	-2.895E-03	-5.21 EE-04	4.613E 02	4.462E 02	-8.825E-02	-1.590E-02
3.0	27.5	13E		-2.771F-03	-4.013E-04			-8.445E-02	-1.223E-02
0.0	27.1	15c		-2.tb6E-03	-2.803E-04	4.006F 02	4.463E 02	-8.125E-02	-8.54 3E-03
0.0	1.75	15E		-2.700E-03	-3.869E-04	4.0C4E 62		-8-229E-02	-1.179F-02
0.0	1.12	115		-2.719E-03	-2.174E-04	4.5EBE C2		-8.286E-02	-6.626E-03
0.0	27.1	105		-2.465E-03	-4.963E-04			-7.514E-02	-1.513E-02
0.0	27.1	145		-2.601E-03	-3.213E-04	4.395E C2		-7.528E-02	-9.793E-03
0.0	27.1	125		-2.553E-03	-5.441E-04	10000		-7.781E-02	-1.659E-02
0.0	1.72	116		-2.700E-03	-6.20CE-04	4.586E 02	4.46CE 02	-8.229E-02	-1.890E-02
0.0	27.1	12:		-2.465E-03	-4.847E-04			-7.512E-02	-1.477E-02
0.0	17.1	10E		-2. 760E-03	-2.700E-04			-8.411E-02	-8.230F-03
0.0	27.1	12E		-2.430E-03	-2.242E-04	187		-7.408 E-02	-6.834E-03
0.0	27.2	1 CE		-2.570E-03	-4.58 7E-04	4.582E C2		-7.632E-02	-1.398E-02
0.0	11.12	135		-2.388E-C3	-4.252E-04		4.466E 02	-7.279E-02	-1.296F-02
0.0	27.1	311		-2.387E-03	-6.173E-04	4.586E G2	4.460E 62	-7-276E-02	-1.881E-02
0.0	56.5	130		-2.461E-03	-6.426E-04		4.461E 02	-7.5CIE-02	-1.959E-02
0.0	27.6	135		-2.506E-03	-1.132E-03	4.557E 02		-7.639E-02	-3.450F-02
0.0	27.6	13:		-2.741E-03	-1.1746-03	4.593E 02	4.45EE 02	-8.354E-02	-3.578E-02
0.0	27.1	1.011F 00	14.63	-2-449F-03	-1-0795-03	4.585E 02	4 4456 03	-7 434E-02	-3 SEAK-AS

FXPERIMENTAL DATA

VARIABLE LENGTH CABLE SYSTEMS DYNAMICS

75 42 6000 4.140E-01 4.560E-01	ACCEL.	CH/SEC/SEC	-2.090E-01	-1.6376-01	-2.062E-01	905E	-1.551E-01	3	ä.	10716	-1.595E-01	-1.7746-01	-1.954E-01	-1.650F-01	-i .	1.8216-01	-1.7316-01		-1.712F-01	-1.763F-01	101011	-1.4656-01	-1.742E-01	-1.6676-01	-1.757E-01	13F	1.904F	1896	-891	10-1-69-1-	345F
CATA PARAFETERS NEC = 42 NCFN = 6000 NWFG = 4.34 KA = 4.56	VELCCITY	Ca/SEC	-4.281E-01	-4.194E-01	-4.2235-01	-3.805E-01	-3.ec76-01	-3.6416-01	-3.562E-01	10-3686-6-		-4.001E-01	-4.078E-01	-3.967E-01	-3.857E-01	-3.809F-01	-3.752E-01	-3.£70E-01	-3.8246-01	-3.710E-01	-3.8186-01	-3.856E-01	-3.858E-01	-3.972E-01	-4.0E 7E-01	-4.113E-01	-4.229E-01	-3.578E-01	-3.988E-01	-3.8456-01	-3.670E-01
87A 71C 0.0 0.0	LENGTH VELCO	ð	2.1576 02	-		2.2016 02		50	C.S.E.	2.1596 02	2.20CE 02		34E		2.155E 02						2.204F 02			1757	2.212E C2	-	536	355		200	2.2036 02
	TENSICA	47 # D			4.5CE 02					4.4655 02					4.456E 02					4.455E GZ										4.4936 02	
CSCILLATCR PAFAMETERS MUDE	ACCEL.	F1/SEC/SEC	-6.858E-03	-6.026E-03	-6-83UE-03	-6-251E-03	-5.088E-03	-5.564E-03	-4.990E-03	-4.9505-03	-5.246E-03	-5.82CE-03	-6.41CE-03	-5.413E-03	-6.212E-03			-5.397E-03		-5.783E-03	-5-021E-03		-5.714E-03	-5.46 SE-03	-5.764E-03	-6.145E-03		-5-870E-03	-6.204E-03	-5-06 16-03	-5.C68E-03
NYL UN 1.00 2.00 1.00 42.00 47.30	FAGLISH UNITS	F 1/SEC	-		-1.385E-02	-	-1.249E-02	-1.260E-02	-1.300 E-02	-1.30/E-02	-1.306 E-02	-1.313E-02	-1.3386-02	-		-1.250F-02	-1.2315-02	-1.270E-02	-1.254E-02	-1.217E-02			-	-1-303E-02	-1.341E-02	-1.349E-02	_	:	-1.3C8E-C2	-1.2615-02	-1.2046-62
FP 52 FT	LENGTP	FT	7.21	7.22	1.23	7.22	7.23	. 7.23	7.23	7.22	7.22	7.21	7.20	7.21	7.21	7.21	7.21	7.22	7.21	7.22	7.26	7.23	1.23	7.22	1.22	7.20	07.7	17.7	7.22	7.22	7.23
AVETERS MAIFILAL TICK ERATION, IIY, FPS ERATION, IIVE, SEC ALLENGTH LENGTH,	TENSION	1.85	10-3245-5		10-115-6	3.2E	5.	5.910F-01	5.967E-01	5.909F-01	5	9.9285-01	5.		9.9125-01	5.520F-01	. 6	5.		9.9005-01	. 0		5	6.	5	5.521E-01			9.911E-01		
ALACE PAR CIREC CIREC ACCEL CEC INTI	USCL.	nec	26.1	26.1	26.1	26.1	34.5	26.7	26.8	26.7	24.1	24.6	26.1	3002	76.7	26.1	26.1	26.8	26.8	24.5	26.8	26.1	26.6	26.1	24.1	56.6	2006	2007	1.97	24.5	26.7
=	RUN	SEC	0.0	0.0		0.0	0.0	0.0	0.0	200	0.0	0.0	0.0	0.0	90	200	0.0	0.0	0.0		200	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
TEST NG	PCCR TIME	Sec	0.0	0.100	007.0	004.0	0.500	0.600	00.00	006-0	1.000	1.100	1.200	1.300	1.400	1.600	1.700	1.800	1.900	2.000	2.200	2.306	2.400	2.500	2.600	2.700	2.800	006-7	3.000	3.200	3.300

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EXPERIMENTAL CATA

FCC8	N I I	OSCL.	TENS ION	LENGTH	VEL JCTTY	Accer.	IENSICA	LENGTH	VELLCITY	ACCEL.
356	SEC	956	LBS	FT	FT/SEC	F1/SEC/SEC	CREP	t	CM/SEC	CM/SEC/SEC
304.	0.0	26.8	9.9GBE-01	7.22		-5.077E-03	4.454E 02	2.2CCE 02	-3.565E-01	-1.5475-01
.300	0.0	26.7	16.	1.22	-1.C78F-02	-5.515E-03	4.495F 02	2.202F 02		
009.	0.0	76.7	.91	7.22	-1.264E-02	-5.244E-03			-3.852E-01	-
3.700	0.0	26.8	.50	7.24	-1.273E-02				-3.E75E-01	=
.900	0.0	26.1	5.	7.24	-1.215E-02	-5.266E-03		-	-3.702E-01	-1.605E-01
. 300	0.0	36.8	. 89	7.24	-1.279E-02	-5.168F-03			-3.858E-01	-1.575E-01
000.	0.0	36.6	5.	1.22	-1.335E-02	-4.587E-03		.2C.E	-4.068E-01	-1.520E-01
.100	0.0	26.8	.90	7.23	-1.294E-02	-5.937E-03		177	-3.943E-01	-1.809E-01
.20€	0.0	26.7	16.	7.23	-1.300E-02			-2C4E	-3.963E-01	-1.593E-01
.300	0.0	26.7	15.	7.22	-1.242E-02				-3.786E-01	-1.748E-01
2000	0.0	76.7	.92	7.21	-1.246E-02				-3.759E-01	-1.797E-01
.500	0.0	26.1	96.	7.22	-1.259 E-02	-5.227E-03			-3.837E-01	-1.5931-01
009.	0.0	3.92	9.914E-01	7.23	-1.242E-02	-6.067E-03		2.202E 02	-3.786E-01	-1.849E-01
. 700	0.0	26.7	.90	7.22	-1.204E-02	-5.255E-03			-3.669E-01	-1.602F-01
.800	0.0	76.6	96.	1.22	-1.183E-02	-5.642E-03			-3.6(7E-01	-1.72CF-01
006.	0.0	26.8	.904	7.22	-1.229E-02				-3-745E-01	-1.546F-01
.000	0.0	3.92	. 89	7.23	-1.1836-02	-5.224E-03			-3.605E-01	-1.592E-01
100	0.0	26.6	.90	1.24	-1.168E-02	-5.561E-03			-3.559E-01	-1.695E-01
.200	0.0	26.€	.896	7.23	-1.114E-02	-5.527E-03			-3.395E-01	-1.685E-01
300	0.0	3.92	-891E	1.25	-1.200 E-02	-4.826E-03			-3.657E-01	-1.471F-01
0000	0.0	26.8	.855	1.24	-1.240E-02			2.2068 02	-3.779E-01	
	•••	3.07	10-3666	10.24	-1.1755-02	-4.532E-03		100	-3.5835-01	
100		3.45		7 34	-1 2505 02	20-34-0-0-	20 36 60 7		-3.0000-01	
200		24.7		7 23	-1 2705-02		3164	2 30,75	2 6316-01	102.5
900		26.1	. 0	7.22	-1-1691-02	-5.6275-03			-3 564F-01	7146
000	0.0	26.7	- 61	7.21	-1.253F-02	-5.781E-03			3.820F-	76.2
100	0.0	26.€	9.908E-01	7.22	-1.1386-02	-5.753E-03	4.454E 02	2.2C2E 02	-3.467E-01	2
.200	0.0	26.8	.85	7.22	-1.2C8E-02	-5.424E-03	3064	177	-3.683E-01	653
.300	0.0	26.8	.89	7.23	-1.334E-02	-5.199E-03		2.205E 02	-4.067E-01	585
334.	0.0	26.8	.85	7.23	-1.289E-02	-4.990E-03		57	-3.928E-01	
.500	0.0	26.8	36.	7.24	-1.136E-02	-5.035E-03	4.492E 02		-3.461E-01	-1.535E-01
009.	0.0	56.5	9.901E-01	7.23	-1.197E-02	-4.657E-03		2.205E 02	-3.650E-01	-1.480E-01
. 700	0.0	56.5	. 8	1.24	-1.167E-02	-5.013E-03			-3.558E-01	-1.528F-01
.900	0.0	26.8	.89	1.24	-1.182E-02			2.207E 02	-3.602E-01	
. 906 .	0.0	5.92	.8	7.25	_	-4.731E-03			-3.612E-01	-1.42F-01
000.	0.0	3.92	. 8	7.25	-1.210E-02	-4.595E-03			-3.689E-01	•
100	0.0	₹9.6	. 8	7.25	-1.265E-02	-3.583E-03		.205E	-3.857E-01	-1.214E-01
.20c	0.0	26.8	6	7.25				.2CSE	-3.854E-01	1.591F
.300	0.0	36.8	6.	1.24	-1.219E-02				-	-1.568E-01
004.	0.0	26.7	6.	7.24	:			-2C7E	2	-1.365F-01
.500	0.0	26.8	6.	1.22	-1.260E-02			. 201E	-3.839E-01	-1.531E-01
.500	0.0	26.1	6.	7.22	-1.278E-C2				.894	-1.7575-01
. 700	0.0	26.6	9.9C1E-01	7.23	:		4.491E 02	2.204E 02	-3.568E-01	
906.	0.0	24.8		1.22	-1.275E-C2	-5.068F-03	4.4878 02	2.2C1E 02	-3-885F-01	-1.545F-01
						٠			1	-

EXPERIMENTAL CATA

8008	RUN	CSCL.	T ENS ION	I. ENGTH	VEL OC LTV	ACCEL.	TENSICA	LENGTE	VELCCITY	ACCEL.
Sec	SEC	DEG	185	1.1	F 1/SEC	FT/SEC/SEC	47 59	ð	CM/SEC	CM/SEC/SEC
0000	9.6	26.€	.901	7.23	-1.267E-32	-5.252F-03	4.45 1E 02	2.2C4E 02	-3.862E-01	-1.601 E-01
001.	0.0	24.8	5.8547-01	7.24	-1.200E-02	5	4.488E 02	2.205E 02	3659€	-1.548F-01
2020	0.0	3.05	.84	7.24	-1.2776-02	-4.36 7E-03		2.2C7E 02	-3.8916-01	-1.3316-01
336.	0.0	26.4	35.	7.24	-1.224E-02	-5.249E-03			-3.73CE-01	-1.60CF-01
000+	0.0	26.5	.89	7.23	-1.222E-02	5			-3.725E-01	-1.664F-C
.500	0.0	26.5	•	1.26	-1.229E-02	-4.367F-03	4.4E7E 02		-3.7436-01	-1.331F-01
36.90	0.0	26.5	.85	1.26	-1.196E-02	-3.949E-03	4.186E 02		-3.645E-01	-1.204F
100	0.0	26.8	.853	7.26	-1.171E-C2	-4.325E-03	4.487E 02		-3.569E-01	-1.310FC
900	0.0	26.8	.904	1.25	-1.214E-02	-4.601E-03	4.493E 02	3115.	-3.655E-01	-1.402E-C
996.	0.0	24.1	956.	7.24	-1.221E-02	-4.581E-03	4.489E 02	2.2CEE 02	-3.723E-01	-1.396E-0
000	0.0	26.8	10-3006-6	7.75	-1.286F-02	-4.671E-03		. 20SE	-3.921E-01	-1.485E-01
.100	0.0	26.1	5.90%E-31	7.22	-1.223E-02	-5.271E-03	3254	.2C1E	-3.747E-01	-1.607E-01
.200	0.0	26.1	5.911E-C1	7.22	-1.253E-02	-5.491E-03		2.202E 02	-3.8196-01	-1.674F
.300	0.0	24.€	9.904F-01	1.23	-1.165E-02	-5.055E-03	452E		.551	-1.554E-(
004.	0.0	24.8	5.854E-01	1.24	-1.275E-02	-5.397E-03	.488€		-3.885E-01	
.500	0.0	26.8		1.24	-1.115E-02	-5.035E-03			-3.358E-01	-1.535FC
209.	0.0	26.5	5.998F-01	7.25	-1.2146-02	-4.E62E-03			-3.7C0E-01	-
00/-	0.0	26.5	5.8575-01	7.25	-1.0768-02	-5.090E-03			-3.279E-01	-1.552E-01
.800	0.0	26.5	5.887E-01	7.24	-1.169F-02	-5.146E-03			-3.564E-01	-1.569F-01
006.	0.0	5.92	.893	1.24	-1.055E-02	-5.642E-03			-3.217E-01	-1.720E-01
•000	0.0	26.6	. 887	7.25	-1.203E-02	-4.904E-03			-3.666F-01	-1.495F-01
001	0.0	26.9	-885E-	1.26	-1.195E-02	-4.180E-03			1	-1.274F-
.200	0.0	26.5	- 888E-	7.26	-1.1565-02	-4-217E-03			-3.524E-01	-
•300	0.0	26.€	.833	7.26	-1.130E-C2	-4.133E-03		14E	:	-1.260F-01
904.	0.0	26.6	.853	7.24	-1.1336-02	-4.102E-03			\$	-1.250E-01
.500	0.0	26.6	. 651	7.25	-1.C72E-02	-4.317E-03		2.209E 02	. 267	-1.316F
009.	0.0	26.8	158.	7.25	-1.135E-62	-4.233E-03			-3.4596-01	-1.290F-01
. 700	0.0	26.1	- 8688 -	7.23	-1.198 E-02	3-340E-04			-3.651E-01	1910
.960	0.0	26.1	- 6	7.22	1. C88E-02	4.058E-01			-316E-	
900	0.100	2001	.319E	1.25	5.258E-02	1.033€ 00			.822E	1476
000.	0.200	26.6	825.	7.28	2.0698-01	1.180E 00	4.5038 02	2.2166 02	6.3C6E 00	3.595E OL
001.	0.300	34.57	2 2	7:57	3.166E-01	36/00				100
007-	00.400	3.5%	1345	1.37	4-152E-01	5.511E-01			1.2656 01	366
200	0000	2007		56.	3.042E-01	10-116-01				2.6806 01
0000	0000	2007	2	66.	20-8931-01	10-3656-8	1071			-
200	00.00	74.1	-597E-	1.56	6.7361-01	.51				~
2000	008-3	50.37	3:	55.	10-344E-01	8.650E-01				
.700	006-0	8.92	7	7.15	8.4136-01	8.612E-01				-
. 800	1.000	3.92	9.401E-01	7.85	!	8.573E-01			2.819E 01	2.6136 01
006.	1.100	26.5	35.	1.57	. 15	8.556E-01				2.600E 01
.000	1.200	5.92	.31	8.08		8.559E-01				-
.100	1.300	26.8	-173E-	8.19		.621		20 3154.2	3.517E 01	2. £28E 01
.200	1.400	26.8	-1465-	8.33	1.255E 00	. 526	4.1496 02			
12.300	1.500	26.1	5.252E-01	8.44		8.513E-01		2.514E C2	•	2.5956 01
004-	1.600	26.3	00	8-40	1.4225 00	8-632F-01	4 1206 03	4336	4 336E A1	
			13000	0000	777	177700	20 30316	1	•	

EXPERIMENTAL CATA

2000	4110	1000	TEAS TON	TOTAL TOTAL	251 35 120		4		**********	
22.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	A P C 1 C	NOTENA	LENGIH	VEL JULIT	ACLEL.	IENSICA	LENGIR	VELLLIII	ACCEL.
SEC	SEC	956	185	F 1	FT/SFC	FT/SEC/SEC	GRAP	t	CM/SEC	CM/SEC/SEC
12.566	1.80.1	76.6	9-166F-01	8.52	1.5891 00	8.4925-01	4.158F C2		4.844E 01	589E
12.700	1.900	26.5	£ 55	9.10	.674E	8-411F-01			5.101E 01	
12.400	2.000	50.97	-	9.25	745F C	6.207E-01		2.83CE 02	5.3186 01	89 2E
17.900	2.100	27.5	5.c.66F-01	4.47	.TASF	2.749E-01			.441E	377E.
13.030	2.200	27.5	176	49.5	3727.	4.594E-02				1.40CE 0
13.100	2.300	21.6	5.402E-01	18.6	.796F	-4.625E-02			.476E	-1.227E 0
13.266	2.400	21.6	6.5505-01	4.57	.793E	-3.789E-02		36E 3	5.465E 01	-1.15\$E 0
13.300	2.500	27.0	9.257E-01.	10.16	- 791E	-2.457E-02				-7.490E-0
13.400	2.600	26.5	9.421E-01	10.32	3067.	-2.527E-03			*	-7.703E-0
13.500	2.700	26.5	5.557E-C1	10.51	190F	8-628E-05	.335€		.457E	2.63CE-03
13.600	2.600	27.0	9.3095-01	10.68	.750E	-1.67CE-03	. 223E		57E	-5.701E-02
13.700	2.900	26.5	5.2F4E-01	10.65	.790E	2.1c0E-03	.211E		4	6.583E-0
13.800	3.000	26.5	5.265F-01	11.04	3061.	-3.913E-03	-2C4E	364E	576	-1-193E-0
13.900	3.100	26.8	9-2905-01	11.19		3.34CE-03		- 4C SE	*	1.018E-0
14.000	3.290	26.8	S. 358E-01	11.35	306L.	-1.4616-03				-4.454E-
14.100	3.300	26.5	5.118E-01	11.54		-4.105E-03		.517E	31º	-1.251E
14.200	3.400	26.5	5-2785-01	11.11		-1.787E-03			5.460E 01	-5.446E-
14.300	3.500	56.5	5.423E-01	11.90	316L.	-6.106E-03			.459E	-1.6616-
14.400	3.600	56.9	9.202E-01	12.08		3.780E-03			5.459E 01	1.1526-01
14.500	3.700	27.6	5.194E-01	12.26	316L.	-2.661E-03	4.170E 02		3094.	-8.110F-
14.600	3.800	27.0	5.335E-01	12.43	1.791E 00	-5.352E-03				-1.6316-01
14.700	3.900	56.9	9.3C7E-01	12.60		-2.758E-03	4.222E 02		3094.	-8.407E-0
14.800	4.000	27.6	5.3C4E-01	12.79		-4.066E-03	.220E		9654°	-1.2396-01
14.900	4.100	27.6	5.270F-01	12.58		3.757E-03		957E		1.1456-01
15.000	4.200	27.6	5.180E-01	13.16		-1.845E-03			5.460E 01	-5.6246-02
15.100	4.300	27.6	9.213E-01	13.34	. 791E	-1.589E-03	3907		5.458E 01	
15.200	4.400	27.0	9.326E-01	13.51	- 791F	-1.30cf-03	. 230F		3094°	-3.962FC
15.300	4.500	56.5	9.260E-01	13.69	-190E	-5.452E-03			5.457E 01	-1.662E-0
15.400	4.600	56.5	9.235E-01	13.67	- 790E	7.014E-04				2.138E-(
15.500	4.700	56.5	9.36 1E-01	14.03	- 790F	-3.41 EE-03	. 246F			_
15.600	4.500	26.5	5.227E-01	14.20	1.790 00	-4.036F-04	4.1656 02	4.327E G2	5.455E 01	-
15.700	006.	2017	5 - 2 14E-01	14.38	316/	-1.52 ce-03				•
15.800	2.000	27.6	5.324E-01	14.57	. 791E	9				
15.900	2.100	27.6	5.323E-01		316/·	-5.845E-05		45 ZE	-459E	187.
16.000	2.200	27.0	9.423E-01	14.52		-3.35 EE-03				
16.100	5.366	27.6	18E-	15.05	. 791E	-3.896E-04	2096		.455E	-1.188
16.200	2.400	27.0	- 16g	15.27	.791E	2.366E-04				7.2116-03
16.300	2.500	27.6	5.427E-01	15.43	.791E	-4.030E-03	4.274E C2		3094.	
16.400	9.600	27.6	5.342E-01	15.62	1.791E 00	-2.853E-03			.459E	
16.500	2.700	27.0	5.200E-01	18.81	.791E	-6.087E-03	<u>w</u>	1 SE	-459E	-1.855F-C
16.600	5.800	27.6	5.262E-01	15.99	. 791 E	9.964E-04	_	173E	. 45	.037E-
16.700	2.900	27.6	5.357E-01	16.16	. 791E	. 041		926E	5.459E 01	
16. 800	9.000	27.6	5.234E-01	16.33	. 791 E		4.185E 02	11 EE	*	
16.900	6.100	26.5	5.223E-01		316€	37E-		026 F	5.459E 01	-5.904E-02
17.000	6.200	56.95	9.3565-01	16.66	1.790F CO	-5-959F-03	4. 244E 02	E CTEE AT		-1-8145-
2000				٠	-		111	3613		

EXPERIMENTAL CATA

	. 1350	TENSICH	LENGTH	VELUC 11Y	ACCEL.	TENSICA	LENGTH	VFLOCITY	ACCEL.
SEC SFC	CFC	185	11	FT/SFC	FIZSECZSEC	GRAP	ð	CP/SEC	CH/SEC/SEC
17.200 6.400		5.378=-01	17.00	1.790E 00	-1.904E-33		5.1816 02	-456E	-5.803E-
			17.16		2.	4.171E 02	5.232E 02	3154	-7.559E-0
		5-1745-01	17.35	1.7916 00	-1.336E-04				-4.072E-03
		5.3C6E-01	17.53	1.791E CC	-5.138E-03		5.343E 02	459E	-1.566E-01
			17.73	u.	-3.223E-03			3094.	-9.824E-0
•		W.			-4.756E-03		5.455E 02	5.45EE 01	-1.450E-(
			19.67	w	-2.441E-03	36	_	458E	-7.440F-02
17.900 7.100		5.3115-01	19.24	1.7915 00	4.6265-03		39 9 E		1.4106-0
		5.2565-01	18.42	1.7916 00	-4.985E-03		614E	460E	-1.519E-
1			18.61	315L			341	460E	-9.221E-02
1			18.79	3161	-4-217E-03	186	. 127E		en.,
N			18.57	305L	-1.305E-03		78 ZE	457E	-
1		.1		191E	2.174F-03		5. E4CF 02	5.458F 01	6.625F-02
1		5.1¢0E-01	19.31	3161	-5-065F-03			45EE	486.
18.600 7.800		.!	19.49	1.790F GC	-1.951F-03	36	31 96		
400		9.2445-01	19.64	789E	-2.66 15-03	36	5.586E 02		
		.!		306Z	-5.7336-03		04 1E		
		1	20.01		-3.2811-03		CSBE	4585	
8		5-1705-01	20.18	1.790F 00	-			456F	-1.266F-02
		- 1	20.36		4.573F-03			3959	1.396F-01
		-	20.56	3167	-1-67CF-04		6.2686 02	\$60F	000
		!	20.74	1161	-6.11.F-03				-I.AKAFOI
009.61	27.6	- 1	20.51	1.7916 00	-4.926E-03	4-1876 02	6.3748 02	5-458F 01	
		ī	21.09	191E	-6.676E-03				852
			21.27	1.7916 30	1.973E-03				6.015F-02
		!	21.46		2.260F-03	4.275F 02	162F		A. B. B. P.
			21.66	7916	-4. P15F-04		9909	286	-1.4685-02
		5-2325-01	:1.62	7516			3599	4686	-7.3635-02
		- 1	21.58	1.7516 00	-7 PRSF-03				2 403E
100			22.14	100E		2	1666	4565	
			27.33	790F	6-346F-04			456F	
6		.!	22.47		3.913E-03			456F	193F
	26.5		22.66	306L	-1.576E-04	3.5	ш		G
		1	22.64	.790E	-9.43 EE-03		161E	5.4576 01	ALL
		ī	23.03	1.790E 00	-7.375F-03			.456E	-248E-
			23.19	1.790E 00	-3.498E-03				
-			23.37	1.790E CO	3.3156-03		7.124E 02	57E	Olof
-			23.55	3 162				386	
		c.309E-01			-4.0636-03			45BE	
006.31 300		C. 347F-01	23.89		-4.846F-03		7.263E F2	100	
		5.46 SE-01	24.67	1.7916 60	-9.031F-03	4.302F 02	7. 228F C.	5.458F 01	-2.753E-0
	27.0	5.5035-01	24.27	750E			7.2976 02	456	
			24.66	1007				1959	f
21.500 10.700	27.6	9-2685-01	24.61	1.7908 60	2.3668-03				7.2116-02
					-		١	-	
			24.78	1.7616 60	3.1456-113	•		S. ASBE OI	O. KRAF

EXPERIMENTAL CATA

FCDP	116	ANCLE	LE NOTEN	LENGIA	VELCCITY	4CCEL.	IENSILA	LENGIL	VELGETTY	Actet.
SEC	SEC	CEG	1.85	F1	FT/SEC	F1/SEC/SEC	GFAP	t	CP/SEC	CH/SEC/SEC
1.860	11.000	27.6	355E	25.12		-5.316E-03	4.245E 02	7.65EE G2	5.4546 61	-1.62CE-01
1.300	11.100	20.5	.37	25.27	3687		516	102E	3	
2000	11.200	24.5	4	25.45		1.2276-03	3£ 13.		5.451E CL	3.741E-02
22.100	11.300	27.6	417E	55.64		3.9106-03			55	1.1926-01
007-	11.400	5.92	ř	25.83		-3.242F-03			5.458E 01	-9.883E-02
2.30C	11.500	27.1	~	10.92		-5.5446-03	4.22EE C2		5.45tE C1	-1.690E-01
2.436	11.600	27.6	"	26.20		-4.417E-03		3485.	57E	-1.346F-01
2.500	11.700	27.1	ě.	26.38		~		. C 35E	56	-061E-
009-	11.800	27.1	5.258E-01	26.55	1.790E CO	.793	4.218E 02	3260.	57E	-48CE-
.700	11.900	27.6	.22	26.73		8.572E-C4		.147€	.456E	2.6135-02
303 €	12.000	27.1	.24	26.92		2.1506-03	3551.	.205E	31 E	8.381E-02
306.	12.100	27.6	12.	27.10		-4.314E-03			5.459E 01	-1.315E-01
000.	12.200	27.0	1:	27.28		-6.65SE-03		351€.	-454E	-2.042F-01
301.	12.300	27.6	Ξ	27.44		-1.664E-03			.453E	-5. C73E-02
1.200	12.400	27.1	.22	27.63		-5.26 CE-04		.423€	5.458E 01	-1.603E-02
3.300	12.500	27.6	.22	27.80		2.883E-03		-475E		8.789E-02
3.400	12.600	27.6	.25	27.58		-1.7516-03		. 5 2 BE		-5.336F-02
1.500	12.700	59.92	.23	28.12		-5.525E-03			32E	-1.684F-01
309.	12.800	5.92	7	28.31		-3.44 BE-03	.1785		.455E	-1.051E-01
1.700	15.900	37.6	5.221E-01	28.48		-4.7406-03		9.6E JE 02		-1.445E-01
3.800	13.000	27.0	2	28.67					24E	-5.209E-02
2000	13.100	27.6	~	28.64		-1.378E-03	. 204E	.152E	39E	-4.199F-02
.000	13.200	27.6	~	29. 03		-2.282E-04			316	-6.956E-03
001.	13.300	27.1	5.181F-01	12.67	1.7916 00	3.61EE-05	. 16 4E		5.458E 01	036-
2020	000			23.50		÷,			1	
0000	13.500	1.17	-	72.67		7	101.		376	:
500	13.500	3.1.	7	21.67		7	3577.		31	-7.083E-02
000	13.700	200	2	15.62		55	•232t		7	-4.666F-0
300	13.800	33.6	10-3197-6	83.00	1.7896 00	1.3865-03	4.201E 62	9.165E 02	346	4.208E-02
	2000	33.		30.63			3571		3766	-1.3335-02
200	000.41	37			1005 00	8.4035-04		9.2125 02	10 3756.6	2.362E-02
, ,	14. 200	23.6		20.00		-2 0446-03	20 3631 7		200	70-31-0-
100	14.300	27.6	. "	20.00			1066		277	10 3367
200	14.400	24.5	-	21.11					345	375
300	14. 500	27.6	-	31.20			1336			0.3236-02
600	14-600	27.6		31.47		1.049F-03			24.6	100
. 500	14-700	27.1		31.65	190F	-3-1396-03		. 646F	5	!
309.	14.600	27.6	5.247E-01	31.84	790E	4.790	1946	-704E	5.454E 01	-1-460E-01
9. 700	14.900	27.1	2	32.C1		-6.538E-03			36E	-993€
300 €	15.000	27.1	=	32.19		127	366		52	436F
306.	15.100	27.1	·	32.37		37	342	EEEE	55	356
0000	15.200	27.1	ě.	32.56		5.121E-04	4.110E 02	.523E	5.455E 01	361F
101.	15.300	27.6	-	32.74		-8.562E-04	_	3335	5.45EE 01	-2.7326-02
.230	15.400	27.1	-	22.63	1 789E CO	-5.57FF-03		1 0036 03	. 4646 01	-1-823E-01
					2	-		50000	١	

EXPERIMENTAL CATA

RC54	BLN.	C SCL.	TENSION	LENGTH	VEL OCITY	ACCEL.	TENSICA	LENGTH	VELCCITY	ACCEL.
SEC	SEC	CEC	ΓΑS	F1	FT/SEC	F1/SEC/SEC	GFAP	t	CW/SEC	CM/SEC/SEC
904.	15.400	21.12	M.	33.27		-1.5451-03	**1106 02	1.014E 03	5.456E C1	-5.53CE-0
26.530	15.700	27.6	9.1145-01	33.44	1.789F CO	3.7666-03	4.134E 02	351	5.452E 01	10-186-01
399	15.800	27.6	- 360	33.61		5.745E-03	4.132E CZ		5.455E 01	1.7516-01
26.700	15.560	21.6	5.179E-C1	33.76	306	-3.3486-03		1.C.SE 03		-1.021E-01
900	15.000	56.5	966	33.65		15		3560	453E	-1.753E-0
006	16.100	27.6		34.14		8	315	C41E	5.454E 01	-2.630E-01
0000	16.200	27.6	-	34.32				3940	34E	-1.142E-01
100	16.300	27.0	.09	34.49		2.6¢1E-03	. 125E			8-110E-02
202	16.400	27.1	3	34.67	190E	2.051E-03		37.50		6.252F-0
300	10.500	27.6	.15	34.64	190F			06.26	455E	6.548F-02
304	16.400	27.1	.21	35.02	790F		156		5.456E 01	-1.5066-01
205	16.700	3.75	-344	25.10	1061		1841.	CZEE	45 1E	107.1
209	16.800	27.0		35.37	1.789E CC	-3-725E-03	11186	3910	653E	1.1376
201	16.500	27.1		35.56		-2.616E-04	-	CESE	\$ SE	7.974
800	17.000	27.5		25.73	1.789E CO			CESE		1.4016-01
006	17.100	56.92	84E-	35.69		2.754E-03			455E	8.517E-02
200	17.200	27.6	- 365	36.07		-3.8386-03		SEE		-1.170E-01
001	17.300	26.5	15E	36.24		-5.635E-03	.1626		451E	-1.719E-01
200	17.400	26.5	915	36.41		-3.910E-03	_		453E	-1.192E-(
306	17.500	3.97	-	36.56	38 E	-1.642E-04	1416		3655	-5.005E
400	17.600	36.8	196	36.74	98E	-2.783E-04			3649	-8.483E-C
206	17.700	26.5		36.93	16B	-4.564E-04				-1.391E-02
600	17.900	26.5	•	37.11	_	-2.3558-03	316			-7.117F
100	17.900	59.92	9.158E-01	37.29		-4.047E-03	4		_	-1.233E-01
308	18.000	27.6	•	37.47		-1.113E-03	. 122E			-3.393F-
006	18.100	56.5	.12CE	37.66	306	-2.424E-03	1376	_		-7.388E-
000	18.200	27.0	-31C	37.85	38E		. 174E			-4.691F-
501	19.300	27.6	45E	38.62	88 E	-6.290E-04	_	1.159E 03		-1.917F
500	18.400	27.6		38.52		-1.375E-03			11	-4.191F
306	16.500	27.6	F 5 E	38.40	1.790E 00		31 ? T .		455E	6.9145
204	18.600	27.6	111	38. 6	1.7896 60	2.01	4.0998 02	1.176E 03	5.453E 01	-6.328E-02
200	18.700	27.6		38.76	89F	-3.223E-03	. 115E		32E	ċ
229	18.600	27.6	5.227F-01	38.94	968		. 185E			1976
302	19.900	21.6	0	11.62	88 E	76-	_	_		.1.
800	19.000	5.92	116	39.25	99E	1.859E-03				299
335	19.100	27.6	201	39.31	89 E	1.342E-03	3550°			1
000	19.200	21.6		39.44	88E	4.8436-04				476F
100	19.300	27.1	.08	39.63	368	-2.654E-03				114
200	15.400	21.6	2 7E	39.81	1.788 E 00	-5.441E-03	4.185E 02		5	-1.658F-01
300	19.500	27.0	.23	39.65	1.788E CO	-5.475E-03			516	369
400	15.600	27.6	.148E	40.15	368L	-1.587E-03	3651		3 E	057E
200	15.700	27.1	3693°	40.34	1.7898 60	4.4201-03	4.1148 02		452E	1.347F-01
209	19.800	27.6	.027E	15.05	789F C	3.075E-03	. CS 5E		454E	374F
301	19.500	27.1	. 101E	40.70	790E 0	-3.434E-03	1 2 RE	1.241E 02		047F
800	20.000	27.1	167	33.07	7005	-4 3375-03	1776			
						1	-			

EXPFFIPENTAL CATA

KLUX	2									
3711	2 2 2	11501	TENSION	LENGIF	VELOCITY	ACCEL.	IENSICA	LENGTH	VELCCITY	ACCEL.
SEC	SEC	DEC	LRS	FT	F1/SEC	F1/SEC/SEC	CRAP	ð	CP/SEC	CM/SEC/SEC
31.000		27.6	5. (845-01	41.24	1.7895 00	1976			5.4546 01	4485
31.100	20	27.6	-40k	41.42	1891	51	1001	1.262F 03		67
31.266		27.1	!	41.59	1661	E	16.		5.4546 01	-578E-
31.300		27.6	210	41.75	789F	.262	736		.452E	-3505.
31.400		27.0	715	41.54		.55		1.278E 03	.45	401F
31.500		27.6	36E	42.07	1.788F 00	-5.884E-03	1000		-450E	-1.793E-01
31.600		27.6	335	42.25		-715E-	100	1.2EEE C3	3644°	.437E-
31.700		27.6	71E	45.44	. 788E	-4.564E-04	4.115E 02		-450E	1.
91.800		27.1	5 2E	45.60	.788E	1.1735-03		3 5	3154.	-404E-
11.900		27.6	352	42.75	-789E	1.35CE-03			34E	4.114F-02
12.00C	21.200	27.2	9.228E-01	45.57	1.789E 00	-1.537E-03				-904F
15.10¢		27.1	4,1	43.15	3681.	-3.860E-03	4.1878 02	315E	3254.	-1.17F-01
32.200		27.1	9.163t-01	43.33				3218	153E	-1.641F-01
35.300		27.1	5.C79E-01	43.50	.788E	-2.76 EF-03	186	326E	.451E	-1.148F-(
35.400	21.600	27.1	5.025E-01	43.68	368L.	3-117E-04	346	31 : E	.452E	9.501E-
12.500		27.1	9.077E-01	43.68	3681.	1.617E-03	.117E	337E	3164·	4.929E-02
35.60C		27.1	w	44.06	3881.	-1.464E-03	396		.451E	-4.462E-
12.700		27.6	86E	44.22		-1.951E-03	376	348E	.452E	-5.947E-
12.80C		27.1	54	44.39	368L	-1.75 8E-03	52E		.453E	-5.480E-02
12.900		27.6	5.122E-01	4		-2.129E-03	376		5.453E G1	-6.490E
3.000		27.6	5.1C2E-01	4	-789F	-1.895E-03	.128E	364E	.452E	TIF
13.10€		27.6	5.165E-01	4.4	788E	-3.357E-03	316		5.450E 01	-1.023E-
3.200		27.6	5.176E-01	45	787E	1.024E-03	979		.44EE	3.122E-02
3.300		27.1	9.1595-01	45.2	368L	3.217E-03	34E		*452E	107F
13.40€		27.1	5.158E-01	45		-2.580E-03	346		.452E	. 864 E-
3.500		27.1	. 36-	45.62	1895	-4.731E-03	528	191E	.454E	.442E-
3.60€		27.1	-32Z	a	189E		. 138E	356	.453	716-
33.700	22.500	27.1	5.149E-01	45.59	787E	m.	.150E	ICZE	.448	-1.084E-01
3.800		7.77	9 - 14 3E - 01	-	1881	-1.364E-04	147E	\$ C 7 E	-450E	57E-
13.900		21.12	5.106F-01	40.34	- 189E	1.1455-63	306	4 1 .E	.452E	1
000.		1117	5.121E-01	46.53	1881	136-	1376	4 18E		09E-
34.190	23.300	27.17	9.152E-01	01.94	189E	1.43 CE-		423E	.454€	776
007		11.17	9.1656-01	40.89	1891		. 166E	425E	-454E	3424
34.300	23.500	21.1	5.15CE-01	47.67	1896	5.4335-				-1.656E-01
2000		1017	10-36-00	20.15	2001	:	1001	200	3666	-
1000		22.5	10-1000	200	100	-	1136	12.	3000	1
34. 200	23 900	27.6	0 2005-01	47.74	1 7975 00	v	4.14/1 02	1.4511 03	10 3844.6	1.7316-
		20.20	10.3016		2000		35.1.	3000	2000	10-2010-1-
34.300		22.6	2016-01	48.12		10-1681-6-	4 1686 02	37.77	10 3455 0	77
2000		27.6	9 7756-01	48 70	4276	20000		1356	3007	
100		27.1	C. 446F-01	48.44	545	9-682E-	386	345		10 3666.7-
2007		27.1	9.4745-01		4636	-386E-2	3366		4306	20000
300		27.1	C-359F-01	48.75	36.25	16 SF-	7666	3737	4.16.26.01	9 6
004	3,4					3000	7/17	300	10 376144	:
	7	, ,		X . X .	2745	10-9000	A ADRE DO	LAGOR 03	3 0026 01	- 2 TALE

EXPERIMENTAL CATA

24.800 27.1 1.005 00 49 25.100 25.200 27.0 1.008 00 49 25.200 27.0 1.008 00 49 25.200 27.0 1.008 00 49 25.200 27.0 27.0 1.008 00 49 25.200 27.0 27.0 1.008 00 49 25.200 27.0 27.0 27.0 1.008 00 49 25.200 27.0 27.0 27.0 27.0 27.0 27.0 27.0	FT/SEC 121 1.104E 00 131 9.256E-01 146 7.554E-01 151 5.83E-01 151 5.83E-01 151 5.83E-01 152 4.090E-01 152 4.090E-01 153 4.090E-01 153 1.84E-02 170 1.52F-01 171 1.44E-02 171 -1.449E-02 171 -1.449E-02 171 -1.449E-02 171 -1.449E-02 171 -1.449E-02 171 -1.449E-02 171 -1.449E-02 171 -1.449E-02	F1/SEC/SEC -8.904E-01 -8.871E-01 -9.046E-01 -9.046E-01 -9.046E-01 -9.046E-01 -8.755E-01 -8.859E-01 -8.859E-01 -8.859E-01 -8.859E-01 -8.859E-01 -8.757E-01 -8.757E-01 -8.757E-01 -1.325E-01 -1.325E-01 -1.325E-01 -1.345E-01 -4.345E-01 -4.345E-01 -4.345E-01 -4.345E-01		1.5006 03 1.5006 03		CM/SEC/SEC -2.714E 01
24.800 27.1 1.505° 00 25.500 27.0 1.008° 05 25.100 27.0 1.008° 05 25.200 27.0 1.008° 00 25.400 27.0 5.615° 01 25.500 27.0 5.625° 01 25.500 27.0 5.625° 01 25.500 27.0 5.625° 01 25.500 27.0 5.625° 01 25.500 27.0 5.625° 01 25.500 27.1 5.625° 01 25.500 27.1 5.625° 01 26.500 27.1 5.625° 01 27.1 5.656° 01 27.1 5.656° 01 27.1 5.656° 01 27.1 5.656° 01 27.1 5.656° 01 27.1 5.666° 01 27.1	11.104 9.296 1.0186 1.0186 1.0096	-8.904E-01 -8.871E-01 -9.046E-01 -9.046E-01 -9.706E-01 -9.706E-01 -8.705E-01 -8.849E-01 -8.757E-01 -8.757E-01 -1.345E-01 -1.345E-01 -1.345E-01 5.341E-03				7146
25.000 27.0 1.00.8 0.0 25.100 27.0 1.00.8 0.0 25.100 27.0 1.00.8 0.0 25.300 27.0 1.00.8 0.0 25.400 27.0 1.00.8 0.0 25.500 27.0 27.0 1.00.8 0.0 25.500 27.0 27.0 1.00.8 0.0 27.	2.296F- 2.296F- 2.296F- 2.296F- 2.328F	-8.871E-01 -9.046E-01 -9.046E-01 -9.046E-01 -8.755E-01 -8.849E-01 -8.849E-01 -8.757E-01 -8.757E-01 -8.757E-01 -9.757E-01 -1.395E-01 -1.395E-01 5.341E-03	01.044.04.04.05.44.04.06.00.00.00.00.00.00.00.00.00.00.00.00.			3045
25.000 27.0 1.000 0.0 25.400 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27	2.256 2.256 2.256 2.256 2.256 2.326	- 8. 90 8 1 - 01 - 9. 04 6 E - 01 - 9. 04 9 E - 01 - 9. 10 9 9 01 - 1. 39 5 E - 01				
25.100 25.200 25.300 25.400 25	8 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 -	-6.76 -01 -6.75 -01 -6.75 -01 -6.86 1 -01 -6.86 1 -01 -6.86 1 -01 -6.86 1 -01 -6.86 1 -01 -7.75	24 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4			7166
25.200 25.300 25.4000 25.4000	7.55.75.75.75.75.75.75.75.75.75.75.75.75	- 8. 75 55-01 - 8. 75 55-01 - 8. 85 15-01 - 8. 85 95-01 - 8. 85 95-01 - 8. 75 75-01 - 8. 75 75-01 - 7. 72 15-01 - 7. 72 15-01 - 7. 35 55-01 - 7. 3				7676
25.300 25.400 25.400 25.400 25.400 25.400 25.700 25.700 27.0 26.500 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27	6 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -	-6.755-01 -6.854-01 -6.854-01 -6.854-01 -6.875-01 -6.757-01 -6.757-01 -7.721	44444444444444444444444444444444444444			-2.6546 01
25.400 25.400 25.400 25.400 25.400 25.700 25.700 25.700 27.6 26.500 27.6 26.500 27.7 27.6 27.6 27.7 27.6 27.7 27.6 27.7 27.7	7.00 10 10 10 10 10 10 10	-8.861E-01 -8.854E-01 -8.803E-01 -8.757E-01 -8.757E-01 -7.721E-01 -4.345E-01 5.341E-03				2 4836
25.500 25.700 25.700 25.700 25.700 25.700 26.500 26.500 27.6 26.000 27.6 27.6 27.6 27.6 27.6 27.6 27.6 27.6	7.5.23 1.5	- 6. 65 4E-01 - 8. 84 9E-01 - 8. 76 9E-01 - 6. 70 9E-01 - 7. 72 1E-01 - 4. 34 5E-01 - 1. 39 2E-01 5. 34 1E-03				3 7016
25.600 25.700 25.700 25.700 25.700 25.700 27.1 26.700 27.1 27.1 27.1 27.1 27.1 27.1 27.1 27.1	7.2316-0 7.2316-0 7.2316-0 7.2316-0 7.2316-0 7.2316-0 7.3416-0 11.4806-0 11.1366-0 1.1366-0	-8.849E-01 -8.803E-01 -8.709E-01 -7.72E-01 -7.32E-01 -1.392E-01 5.34E-03				2.400
25.700 25.700 25.700 26.000 27.0 26.000 27.0 27.0 27.0 27.0 27.0 27.0 27.0	2.2328-0 2.3388-0 2.3388-0 1.5278-0 1.4418-0 1.4808-0 1.1388-0 1.1388-0	-8.803E-01 -8.75F-01 -8.76F-01 -7.72E-01 -4.345E-01 5.34E-03				3 4036
25.800 27.0 1.002C 00 25.900 27.1 1.002C 00 26.000 27.1 1.002C 00 0.0 27.1 5.63E-01 0.0 27.1 5.65E-01 0.0 27.1 5.65E-01 0.0 27.1 5.65E-01 0.0 27.1 5.67E-01	1.5275-0 1.5275-0 1.5275-0 1.4415-0 1.4896-0 1.1366-0 1.9396-0	-8.75 FE-01 -8.709 E-01 -7.72 IE-01 -1.39 E-01 5.34 IE-03				
25.500 26.00 27.1 26.25.00 27.1 27.2 26.26.01 27.2 27.2 27.2 27.2 27.2 27.2 27.2 27.	1.5276-10 1.5276-10 1.54446-10 1.54446-10 1.54446-10 1.54446-10 1.5446-10 1.5446-10	- 0.75 FE-01 - 7.72 IE-01 - 4.34 5E-01 - 1.392 E-01 5.34 IE-03				
25.500 27.1 G. CCC 00.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	1.527.7. 7.182.7. 1.444.6.0 1.4806.0 1.1.489.6.0 1.1.136.0 1.136.0 1.0.136.0 1.0.136.0 1.0.136.0 1.0.136.0	-8.7095-01 -7.7216-01 -4.3456-01 -1.3926-01 5.3416-03	44.55.26 44.55.26 44.55.26 44.56 44.56			-2.681E 01
26.000 27.1 5.56.2°-01 0.0 27.0 5.826°-01 0.0 27.1 9.563°-01 0.0 27.1 9.563°-01 0.0 27.1 5.862°-01 0.0 27.1 5.862°-01 0.0 27.1 5.862°-01 0.0 27.1 5.862°-01 0.0 27.1 5.636°-01 0.0 27.1 5.636°-01 0.0 27.1 5.636°-01 0.0 27.1 5.636°-01 0.0 27.1 5.636°-01 0.0 27.1 5.636°-01 0.0 27.1 5.636°-01 0.0 27.1 5.636°-01 0.0 27.1 5.636°-01 0.0 27.1 5.636°-01 0.0 27.1 5.642°-01 0.0 27.1 5.667°-01 0.0 27.1 5.676°-01 0.0 27.1 5.676°-01 0.0 27.1 5.676°-01 0.0 27.1 5.676°-01 0.0 27.1 5.676°-01 0.0 27.1 5.676°-01 0.0 27.1 5.676°-01 0.0 27.1 5.676°-01 0.0 27.1 5.676°-01 0.0 27.1 5.676°-01	1,182.6-0 1,441E-0 1,441E-0 1,480E-0 1,196E-0 1,196E-0 1,36E-0 1,36E-0	-7.721E-01 -4.345E-01 -1.392E-01 5.341E-03 4.046E-02	3716 3716 3716 3726 4406			
0.0 27.0 5.826-01 0.0 27.0 5.838-01 0.0 27.1 5.882E-01 0.0 27.1	1.441E-0 -1.444E-0 -1.489E-0 -1.136E-0 -1.136E-0 -1.36E-0 -1.36E-0	4.345 1.392 5.341 4.046	3716 3386 3726 4406	516E	2.189E 00	-2.353E 01
0.0 27.1 9.55 E-01 0.0 27.1 9.55 E-01 0.0 27.1 9.56 E-01 0.0 27.1 9.56 E-01 0.0 27.1 9.63 E-01 0.0 27.1 9.75 E-01	-1.4446-0 -1.4806-0 -1.4896-0 -1.1366-0 -1.506-0	1.392 5.341 4.046	.338E .338E .440E	3115	4.3536-01	-1.3266 01
0.0 27.1 9.563E-01 0.0 27.1 9.563E-01 0.0 27.1 9.862E-01 0.0 27.1 9.862E-01 0.0 27.1 9.862E-01 0.0 27.1 9.83E-01 0.0 27.1 9.84E-01	-1.800E-0 -1.489E-0 -1.136E-0 -5.501E-0 -9.394E-0	.341	.338E .372E .440E		-4.4CIE-01	-4.241E 00
0.0 27.0 5.633E-01 0.0 27.1 5.789E-01 0.0 27.1 5.789E-01 0.0 27.1 5.789E-01 0.0 27.1 5.638E-01 0.0 27.1 5.642E-01 0.0 27.1 5.647E-01	-1.489E-0 -1.136E-0 -5.501E-0 -8.954E-0	.046	.372E .440E .482E	100	.486	1-628F-01
0.0 27.1 9.182E-01 0.0 27.1 9.82E-01 0.0 27.1 9.82E-01 0.0 27.1 9.63E-01	7586		.440E		-4.538E-01	1.231E 00
0.0 27.1 9.862E-01 0.0 27.1 5.862C-01 0.0 27.1 5.638E-01 0.0 27.1 5.638E-01 0.0 27.1 5.638E-01 0.0 27.1 5.659E-01 0.0 27.1 5.679E-01 0.0 27.1 5.679E-01 0.0 27.1 5.679E-01 0.0 27.1 5.679E-01 0.0 27.1 5.679E-01 0.0 27.1 5.679E-01 0.0 27.1 5.679E-01	4 8 6	2.962E-02	. 4 8 2 E	156	-3.463E-01	9.030E-01
0.0 27.C 5.862E-01 0.0 27.1 5.75E-01 0.0 27.1 5.75E-01 0.0 26.5 5.676E-01 0.0 27.1 5.676E-01 0.0 27.1 5.676E-01 0.0 27.1 5.676E-01 0.0 27.1 5.676E-01 0.0 27.1 5.756E-01 0.0 27.1 5.757E-01 0.0 27.1 5.757E-01 0.0 27.1 5.757E-01 0.0 27.1 5.757E-01	9 6	1.232E-02			-2.856E-01	3.7546-01
0.0 27.1 5.12E-01 0.0 27.1 5.12E-01 0.0 28.6 5.69E-01 0.0 26.6 9.71E-01 0.0 27.1 5.616E-01 0.0 27.1 5.66E-01	-9.394	-1.4645-03	4-6766 67	1.6166 03	-2.72F-01	-4. 462E-02
0.0 27.1 9.638E-01 0.0 26.5 9.71E-01 0.0 26.5 9.71E-01 0.0 27.0 9.79E-01 0.0 27.1 9.63E-01 0.0 27.1 9.67E-01 0.0 27.1 9.717E-01 0.0 27.1 9.717E-01 0.0 27.1 9.717E-01		-6-112E-03	424		-2.863E-01	-1.863E-01
26.5 5.559E-01 26.6 5.659E-01 27.0 26.5 5.676E-01 27.0 5.71E-01 27.0 5.71E-01 27.0 5.71F-01 27.0 5.71F-01 27.1 5.67E-01 27.0 5.71F-01 27.1 5.67E-01 27.0 5.71F-01 27.1 5.67E-01	-8.725	-6.60 2E-03	372F		-2.660E-01	-2.012E-01
0.0 26.5 9.676E-01 0.0 27.0 9.771E-01 0.0 27.1 9.776E-01 0.0 27.1 9.776E-01 0.0 27.1 9.633E-01 0.0 27.1 9.633E-01 0.0 27.1 9.635E-01 0.0 27.1 9.778E-01 0.0 27.1 9.77E-01	'	-5.402E-03		341	-2.76 IE-01	1.6476-
0.0 26.9 9.71F-01 0.0 27.1 9.71F-01 0.0 27.1 9.72F-01 0.0 27.1 9.43F-01 0.0 27.1 9.43F-01 0.0 27.1 9.43F-01 0.0 27.1 9.49F-01 0.0 27.1 9.49F-01 0.0 27.1 9.49F-01 0.0 27.1 9.77F-01 0.0 27.1 9.71F-01		-5.004E-03		513E	-2.935E-01	-1.525E-01
27.0 9.750E-01 27.1 9.750E-01 27.1 9.633E-01 27.1 9.633E-01 27.1 9.633E-01 27.1 9.633E-01 27.1 9.633E-01 27.1 9.639E-01 27.0 9.750E-01 27.1 9.77E-01 27.1 9.77E-01 27.1 9.77E-01 27.1 9.77E-01 27.1 9.77E-01 27.1 9.77E-01 27.1 9.77E-01 27.1 9.77E-01 27.1 9.77E-01	-8.571E-0	-4.568E-03	1		-2.734E-01	-1-5146-01
27.0 9.750E-01 27.1 5.717F-01 27.1 5.72F-01 27.1 5.750E-01 27.1 5.750E-01 27.1 5.750E-01 27.1 5.778E-01 27.1 5.778E-01 27.1 5.778E-01 27.1 5.778E-01 27.1 5.67E-01 27.1 5.67E-01	5-	-4.92 3F-03	452F		-2.F.7F-01	-1.5016-01
27.1 9.42E-01 27.1 9.43E-01 27.1 9.43E-01 27.1 9.43E-01 27.1 9.43E-01 27.1 9.77BE-01 27.1 9.77BE-01 27.1 9.67E-01 27.1 9.67E-01 27.1 9.77E-01 27.1 9.77E-01 27.1 9.77E-01 27.1 9.77E-01 27.1 9.77E-01 27.1 9.77E-01 27.1 9.77E-01	-6.101	-4.537F-03	4606	1. 5146 03	-2-469F-01	-1.3836-01
27.1 \$.642E-01 27.1 \$.635-01 27.1 \$.635-01 27.0 \$.778E-01 27.0 \$.778E-01 27.0 \$.778E-01 27.0 \$.776E-01 27.1 \$.776E-01 27.1 \$.776-01 27.1 \$.676-01 27.1 \$.676-01 27.0 \$.776-01 27.0 \$.776-01 27.0 \$.776-01 27.0 \$.776-01	-7.8635-0	- 3.90 AF-03	AC BE		-2.3¢7F-01	1916
27.1 9.6335-01 27.1 5.6156-01 27.1 5.7786-01 27.1 5.7786-01 27.1 5.756-01 27.1 5.756-01 27.1 5.667-01 27.1 9.717-01 27.1 5.606-01 27.1 5.778-01 27.1 5.778-01 27.1 5.778-01	-5.006E-C	4.139	3736		-2-745F-01	-1.2616-01
0.0 27.1 5.615F-01 0.0 27.1 5.75G-C1 0.0 27.1 5.75G-C1 0.0 27.1 5.75E-01 0.0 27.1 5.75E-01 0.0 27.1 5.67E-01 0.0 27.1 5.67E-01 0.0 27.1 5.75F-01 0.0 27.1 5.75F-01 0.0 27.1 5.75F-01 0.0 27.1 5.75F-01	-9.339	-3.766E-03	36 SE		-2.846E-01	-1.1486-01
9.0 27.1 5.750E-C1 0.0 27.6 5.778E-01 0.0 27.1 5.75E-01 0.0 27.1 5.695E-01 0.0 27.1 5.67E-01 0.0 27.1 5.67E-01 0.0 27.1 5.67E-01 0.0 27.1 9.77E-01 0.0 27.1 9.74SE-01 0.0 27.0 5.75E-01	1- 1		3686	514E	-2-175E-01	-1.365F-01
0.0 27.6 5.778E-01 0.0 27.6 5.75E-01 0.0 27.6 5.699E-01 0.0 27.1 5.67E-01 0.0 27.1 9.77E-01 0.0 27.1 9.77E-01 0.0 27.6 5.76E-01 0.0 27.6 5.75E-01 0.0 27.6 5.75E-01	-8.468	4.072	4235	5146	-2.581E-01	-1.2416-01
0.0 27.1 5.151E-01 0.0 27.C 9.699E-01 0.0 27.1 5.67E-01 0.0 27.1 9.7175-01 0.0 27.C 5.757E-01 0.0 27.C 5.757E-01 0.0 27.C 5.757E-01 0.0 27.C 5.757E-01	-8.416	-3.515E-03	.435E		-2.5656-01	-1-071E-01
0.0 27.0 9.6999-01 0.0 27.1 9.7179-01 0.0 27.1 9.7179-01 0.0 27.0 5.75K-01 0.0 27.0 5.75K-01 0.0 27.0 5.76K-01 0.0 27.0 5.76K-01	-7.403E-0	-3.557E-03	.4238	\$14E	-2.257E-01	
0.0 27.0 9.667E-01 0.0 27.1 9.717:-01 0.0 27.0 9.757E-01 0.0 27.0 9.746E-01 0.0 27.0 9.749E-01 0.0 27.0 9.749E-01	-8.046E-C	-2.52 8E-03	. 4 COE	3415	-2.452E-01	
0.0 27.1 5.676-01 0.0 27.1 9.717-01 0.0 27.C 9.757E-01 0.0 27.C 9.746E-01 0.0 27.C 9.743E-01	1 -7.872E-0	2.881	3696	4	-2.355E-01	-8.780E-02
0.0 27.1 9.7175-01 0.0 27.C 5.757E-01 0.0 27.C 5.76CE-01 0.0 27.C 5.76CE-01	8 - 8	-2.377E-03	39	341	-2.578E-01	
0.0 27.0 5.7578-01 0.0 27.0 5.7605-01 0.0 27.0 9.7436-01 0.0 27.0 5.7026-01	-8.002	-3.434E-03		3415	-2.439E-01	-1.0476-01
0.0 27.0 5.760E-01 0.0 27.0 9.743E-01 0.0 27.0 5.702E-01	-9.660E-0	-3.223E-03	426E	146	-2.544E-01	-9.824E-02
0.0 27.0 9.743E-01 0.0 27.C 5.762E-01	-5.009	-3.490E-03		5136	-2.746E-01	
0.0 27.C 5.7C2E-01	-10014	-4.370E-03	415E		-3.092E-01	-1.332E-01
	8-	-3.601E-03	4016	\$ 14E	-2.667E-01	
9.0 27.0 5.6854-01	-9.229E-0	-3.732E-03		3146	2.8136-	
3.0 27.0 5.604=-01 4	-9.764	-3.325E-03	35 76		2.576E-	-
27.1 6.72/1-01	-9.210	2.833	100	:	2 SCAE	
7 10 1771 0 0 117			2011		2000	•

EXPERIMENTAL CATA

RCDR PUN CSCL. TENSION TIME TIPE FNCIE LBS SEC SEC DFC LBS \$C.2C J.C 27.1 \$.7195-01 \$C.300 J.O 27.1 \$.7165-01 \$C.300 J.O 27.1 \$.7165-01 \$C.300 J.O 27.1 \$.7165-01 \$C.300 J.O 27.1 \$.7166-01 \$C.300 J.O 27.1 \$.7126-01 \$C.300 J.O 27.0 \$.7136-01 \$C.300 J.O 27.0 \$.7136-01 \$C.300 J.O \$.7136-01 \$C.300 J.O \$.7136-01 \$C.300 J.O \$.7136-01 \$C.300 J.O \$.7136-01 <			VEL OCTIV	ACCEL	4	. CALTA	24177	10000
2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5		LENGIA		ACCELO	LENSICA	LENGT	VELLUIT	ALLELO
SEC. DEC. 27.1. 27								
2.00 2.00 2.00 2.7.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2	188	F.1	F1/SFC	F1/SEC/SEC	CFF	t	CP/SEC	CM/SEC/SEC
27.0 20.0 27.0 27.1 27.1 27.1 27.1 27.1 27.1 27.1 27.1	1306-01	49.67	-8-167E-03	-3-011E-03	4.417F G2	1,5146 63	-2.485F-01	-9-1795-02
20000000000000000000000000000000000000	10-5016	10 67	6 3016 6	2 4776 03			10000	70 2301
27.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	10-00	44.00	-3.281E-C3	-3.62/E-03	4.414E 02	1.514E 03	-2.829E-01	-1.105E-01
21.1 20.0 20.0 27.1 20.0 20.0 20.0 20.0 20.0 20.0 20.0 20	1145-01	49.67	-E3-1915-3-	-3.54 3E-03	4.4CEE C2	1.5146 03	-2.718E-01	-1.080E-01
27.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	655E-01	69.65	-8.532E-03	-2.7196-03	4.358E 02	1.515E C3	-2.6CCE-01	-8.298E-02
27.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	7C9E-C1	49.70	-8.887E-03	-3.25 EE-03	4.404E 02	1.515€ 03	-2.769E-01	-1.005E-01
21.1 20.0 27.0 20.0 27.0 27.0 27.0 27.0 27.0	1125-01	69.64	-5.564E-03	-2.433E-03	4.405E G2	1.515E 03	-2.915E-01	-7.414E-02
27.0 0.0 0.0 27.5 0.0 27.5 0.0 27.5 0.0 27.5	1415-01	49.65	-9.243E-03	-1.9576-03	-	1.515E 03	-2.817E-01	-5.964E-02
0.0 0.0 0.0 0.0 27.5 0.0 27.5 0.0 27.5	736E-01.	49.68	-5.527E-03	-2.257E-03	4.416E 02	1.5146 03	-2.904E-01	-6.880E-02
27.C 27.C 27.C 27.C 27.C 27.C 27.C 27.C	719E-01	49.68	-1.015E-02	-3.062E-03	4.4CBE 02	1.514E 03	-3.095E-01	-9.332E-02
0.0 27.0 0.0 27.0 9.0 27.0	713E-01	49.66	-9.264E-03	-3.546E-03	_	1.5148 03	-2.824E-01	-1.081E-01
0.0 27.0 0.0 27.0	1255-01	49.65	-1.053E-C2	-3.526E-C3	4.411E C2	1.513€ 03	-3.210E-01	-1.075E-01
0.0 27.0	718F-01	99.65	-9.226E-03	-3.6156-03	-	1.514E C2	-2.612E-01	-1.1026-01
0.0	137E-01	49.66	-9.562E-03	-3.615E-03	4.417E 02	1.5146 03	-2.914E-01	-1.102E-01
	731E-01	19.64	-9.559E-03	-3.281E-03		1.514E 03	-2.913E-01	-1.000E-01
3.6 27.6	133F-01	99.65	-9.321E-03	-2.767E-03	4.415E 02	1.514E 02	-2.841E-01	-8.432E-02
3.0 27.1	723E-01	49.69	-8.E76E-03	-2.554E-03	_	1.5146 03	-2.705E-01	-7.906E-02
0.0	717F-01	89.64	-8.167E-03	-3.557E-03	4.4C7E C2	1.514E 03	-2.485E-01	-1.084E-01
3.0 27.0	127E-01	49.68	-9.906 E-03	-3.309E-03	4.412E 02	1.5146 03	-3·C19E-01	-1.005E-01

EXPERIMENTAL CATA

76 76 76 76 76 76 76 76 76 76 76 76 76 7	ACCEL.	CH/SEC/SEC	-1.952E-01	-2.096E-01	-2.010E-01	-1-456F-01	-1.6316-01	-1.642E-01	-1.505E-01	-1.709E-01	-1-5696-01	-1.45E-01	-1.453E-01	3636	-1.7326-01	-1.0426-01	-1.9876-01	-1.7456-01	-1.7306-01	10101	-1.503F-01	-1.593F-01	-1.5476-01	-1.4506-01	-1.5936-01	10306	ě		-1.4746-01	10-9616-01
CATA PARAMETERS 1D = 76 NREC = 42 NRFN = 6000 KW = 4.64 KA = 4.64	VELCCITY	CM/SEC	-4.353E-01	-4.368E-01	-4.133E-01	-4-152F-01	-3.6646-01	-3.979E-01	-3.987E-01	-3.760E-01	-3.752E-01	-3.709E-01	-3.854E-01	-3.860E-01	-4.042 5-01	-4.016E-01	-4.045E-01	-4.028E-01	-3.560E-01	-3.00 E-01	-3.766E-01	-3.8336-01	-3.795E-01	-3.876E-01	-3.740E-01	-3.7525-01	-3.892E-01	-3.650E-01	-3.854E-01	-3.7546-01
	LENGTH	ŧ	1.7516 02	1.750 03	1.7516 03	1.7506 03	1.74EE C3		1.7486 03	1.1466 03	1.7488 03	1.7488 63	1.7488 03	1.7486 03	1.7485 03	1.74FE 03	1.747E C3	1.74EE 03	1.146E 03	1.7486 01	1.748E 02	1.748€ 03				1.7496 03	1.7466 63		1.7488 03	1.748E 03
CR PAFAMETERS STATIC TUDE, INCH 0.0 ENCY, P.Z 0.0	IENSICA	CFAP	4.433E G2		4.436E 02	4-4266 02				4.417E 02					4-421E 02					4.418F 02						4.4166 02				4-415E 02
MGDEAFLET MGDEAPFLITUDE, INCH FRECLENCY, F.Z.	ACCEL.	F1/SEC/SEC	-6.4035-03	-6.876F-03	-6.556E-03	-5.435F-03	-5.35 CE-03	-5.387E-03	-4. 536E-03	-5.607E-03	-5.145E-03	-4.741E-03	-4.766E-03	-4.537E-03	-5.6816-03	-6.044E-03	-6.5191-03	-5.724E-03	-5.704E-03	-6-118-03	1 3	-5.228E-03	-5.075E-03	-5.412E-03	-5.228E-03	-4-554F-03	-4.712F-03	-5.1376-03	-4.837E-03	-5.5CEE-03
NYCJN PEEL-IN 1.00 2.00 1.00 42.00 55.00	SE CALTS	F1/SEC	-1.4286-02	-1.433E-02	-1.356E-02	-1.362E-02	-1.268E-02	-1.305E-02	-	-1.234E-02	-1.231E-C2	-1-217F-02	-1.265E-02	-1.266E-02	-1.329F-02	-1.3186-02	-1.327E-02	-1-321E-C2	-1.299E-02	-1.2835-02	-1.2161-02	-1.258E-C2	-1.2461-02	-1.272E-02	-1.227F-C2	-1.249E-02	-1.277E-62	-1.263E-02	-1.265E-02	-1.2325-02
3 3 4	L ENGTH	14	57.44	57.41	57.43	27.40	57.33	57.36	57.35	57.34	57.36	57.35	57.36	57.36	17.35	57.34	57.32	\$2.16	57.33	57.36	57.35	57.35	57.35	57.35	57.36	67.13	57.36	57.37	57.36	57.35
AVETERS VATERIAL TICN O TIV PPS EQATIONS INT. SEC AL LENGTH,	TEVSICA	188	\$.174E-01	5.7E2E-C1		10-2636.5				5.7375-01	9.741E-01	10-31:1.5	5.131E-01	9.142E-01	5 . 746F-01	5.753E-01	S. 149E-01	-	-	9.7395-01			-	-		5.73/E-01	9.7356-01	\$. 745E -01	\$ -134E-01	5.733E-01
FINCE PARE	נצנוי	ANGLE	36.8	26.7	26.7	26.6	26.1	26.6	26.6	26.6	26.8	26.8	36.8	26.8	26.1	26.1	24.1	26.1	26.8	26.8	76.6	56.5	3.92	26.8	26.8	26.5	26.5	26.8	26.8	26.6
7 366,298 2 1411111	Z	SEC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	
1551 NG.	RCDR	114E SEC	0.0	001.0	0.200	0.400	0.500	0.500	0. 100	008.0	1.000	1.100	1.200	1.300	1.500	1.666	1.700	1.800	1.900	2.100	2.200	2.300	2.400	2.500	2.600	2.400	2.300	3.000	3.100	3.200

EXPERIMENTAL DATA

PCDR	NON T	CSCL.	TENSTON	LENGTH	VELCCITY	Accet.	TENS ICN	LENGTH	VELOCITY	ACCEL.
SEC	STC	CEG	res	FT	FT/SEC	FT/SEC/SEC	GRAP	t	CP/SEC	CH/SEC/SEC
0000	0.0	36.8	5.1485-01	57.33	1.213	-5.466E-03		0	-3.6576-01	-1.666E-01
. 500	0.0	24.6	9.7415-01	57	-1.229F-02	-5.217E-03	.418E	14 EE C	-3.7436-01	1.590E-
309.	0.0	24.8	5.727E-01		_	-4.7491-03	.417E	O	-3.721E-01	***
. 700	0.0	3.92	9.7445-01		_	-5.33CE-03	.420E	0	-3.5286-01	-1.625E-01
30€	0.0	26.5	5.7345-01		_	-5.180E-03		0	-3.5638-01	-1.575E-01
906.	0.0	3€.€	10-5161.5		÷	-4.857E-03	4.417E 02	0	-3.559E-01	-1.480E-01
000	0.0	26.5	9.7325-01	57.35	_	-4. £13E-03		0 3	-3.4405-01	-1.406E-01
001.	0.0	26.5	5.130E-C1	51.35	_	-5.185E-03		0	-3.45CE-01	-1.501E-01
4.200	0.6	24.5	5.730E-01	57.37	-1.135E-C2	-4.308E-03		1.7498 03	-3.459E-01	-1.313E-01
30€	0.0	26.5		57.38	_	-4.225E-03		0	-3.5486-01	-1.200E-01
204.	0.0	36.6		57.38	-	-3.704E-03	4.418E 02		-3.4656-01	-1.129E-01
.500	0.0	3.92	\$.750E-01	57.28	-	-4.4E0E-03		361	-3.446 8-01	-1.366E-01
209.	0.0	2€.€		57.36	-1.145E-02	-5.115E-03			-3.45CE-01	-1.559E-01
.700	0.0	₹9.97		57.36		-5.089E-03			-3.665E-01	-1.551E-01
.800	0.0	26.7	3	57.36	:	-5.372E-03	. 42 GE		-3.6156-01	-1.637E-01
906	0.0	26.1	.764	57.33	-1.163E-02	-5.440E-03	35250		-3.54EE-01	-1.658E-01
000	0.0	36.8		57.34	-1.159E-02	-5.491E-03			-3.531E-01	-1.674E-01
100	0.0	3.92	-13	57.35	3	-5.05EE-03	.418E	-	-3.4326-01	-1.542E-01
.200	0.0	26.8	46	57.36	-1.1196-02	-5.189E-03	.421€	1.748E 03	-3.41CE-01	-1.7645-01
.300	0.0	56.5	.133	57.36	_	-5.01 EE-03	.4156	_	-3.4626-01	-1.525E-0I
334.	0.0	26.5		57.37	-	-4.55 (E-03	.417E	1. 14EE C3	-3.413E-01	-1.511E-01
.500	0.0	26.8		57.37	٠,	-5.1436-03	.418€		-3.362E-01	-1.568E-01
209.	0.0	5.97		57.36	i.	-4.208E-03	-417E	-	-3.3016-01	
22.		3.07	5.144E-01	21.31	-1.0091-02	-4.8091-03	4.420E 02	1. 195E 03	-3.259E-01	-1.466E-01
000	200	26.0	0 7265-01	67.30	i .	50-3601-6-	4.4166 02	1 7455 03	10-2040	
200		3.02		67 20		CO-36-02	3011		10-30000	
		34.5		57.33	20-3040-1-	4 4326-03	3014			2000
200	0.0	26.5	9.731F-01	57.37		•		309	-3.3736-01	
300	0.0	26.6	5.751E-01	57.36	-1.064E-02		4236	748F	-3.2446-01	
.400	0.0	26.8	9.739E-01	57.37		-4.172E-03		1496	-3.382E-01	
. 500	0.0	26.1	5.764F-01	57.34		-5.321E-03		99 1	-3.387E-01	
909.	0.0	24.8	5.7526-01	51.35	-1. C77 E-02	-5.2346-03		381	-3.2836-01	-1.595E-0
.700	0.0	26.8	9.751E-01	57.36		-4.636E-03	4.423E 02	38	-3.375E-01	-1.413E-0
908.	0.0	3.92	5.737E-01	57.36	-1.030 E-02	-4.837E-03		1.74EE C3	-3.1396-01	-1.474E-01
006	0.0	26.5	9.735F-01	57.36		210		9E	-3.258E-01	-1.436F-01
2000	0.0	26.8	5.741E-01	57.36	-1.016E-02	-4.044E-03			-3.097E-01	. 233
100	0.0	26.5	9.742E-01	57.36	-1.105E-02	-4.778E-03				-1.456F-01
202-	0.0	5.92	5.738F-01	57.36		-4.594E-03		1.14EE 03	-3.222E-01	400F
.300	0.0	26.5	5.733E-C1	57.37	-1.037E-02	-5.1546-03		3		1.571
304.	0.0	56.5	9.735E-01	57.38	-1.061E-02	-4.6CBE-03		0 35t		1.404
.500	0.0	26.6	9.734E-01	57.38	-1.044E-02	-3.571E-03			-3.182E-01	-1.210E-01
009.	0.0	54.5	5.733E-01	57.39	-1.C43E-02	-4.208E-03	151		-3.180E-01	-1.283E-01
. 100	0.0	26.8	9.734E-01	57.39	-	-4.341E-03	15E		.347	1.323€
. 800	0.0	26.5	5.742F-01	57.37	-1 110F-02		4.4.166 62	r	3035	24.4
							175	TO 36 101	10-3505-6-	Lorge

EXPFF IMENTAL CATA

				ı						
.DR	RUN	CSCL.	TENSTON	LENGTH	VELOCITY	ACCEL.	TENSICA	LENGTH	VELCCITY	ACCEL.
I ME	1146	ANGLE								
SEC	SFC	DEG	LPS	F	FT/SEC	FT/SEC/SEC	CRAP	ð	CP/SEC	CM/SEC/SEC
8.000	3.0	26.€	5.747F-01	57.37	-1.082F-02	-5.1686-03	4.4216 02	3541.	4	-1.501E-01
	0.0		5.155F-01	57.34	_	-5.1885-03		3341.	-3.383E-01	-1.581E-01
	0.0		5.7.71-01	57.35	. 673	-5.33CE-03	.4216	1486	-3.270E-01	-1.625E-01
	0.0		5.737E-01	57.36	1.052	-5.1805-03	4.417E 02	3951	3.266	-1.579F-01
	0.0		5.7346-01	57.36	1.051	-4.8716-03	** 15E	1.748E C2	-3.2C.E-01	-1.485E-01
	0.0		9.7485-01	57.38	-1.C15E-C2	-4.511E-03		3651	-3.093E-01	-1.375E-01
	0.0		5.735F-01	57.38	1.013	-4.809E-03		3541	-3.088E-01	-1.466E-01
	0.0		5.73EE-01	. 57.37	1.017	-4.66 7E-03	.4166	3551	3.100	-1.4236-0
	0.0		9.736F-01	57.37	-	-3.537F-03		3546	-3.076E-01	-1.078E-01
	0		C. 16 3F -01	57.37	010	4.616		9 9 9	-1.0216-01	-1-4076-0
			70 7366 7	62.29	6 6776-03	7	3777	357	200116-01	3646
	200		10-1661-61	200	,	;	101.	35	10-3160-6-	1.354
	0.1		10-5171.5	51.39	-4.156E-03	-3.520E-03	.41ZE	1456	-2.9746-01	-1.195F-0
	0.1		5.730F-01	57.40	-1.004E-02	-3.922E-03		1506	-3.CSSE-01	-1.196F-0
	0.0		9.7316-01	57.39	-5.833E-03	-3.835E-03			-2.557E-01	-1.169E-0
	0.0		5.7336-01	57.39	-1.040 E-02	-4.528E-03		359	-3.171E-01	
	0.0		9.7 385-01	57.38	-1.034E-02	-4.2826-03		359	-3-152E-01	-1.305E-01
	0.0		9.7385-01	-	-1.C30E-02	-4.465F-03	4.417F 02	359	-3-140E-01	
	0.0		C. 749F -01	57.36	-1.0316-02	-4.911F-03			-3-142F-01	
	0-1		5.7775-01	57.34	-1.022E-02	-4- 82 GE-03	4.4176 02		-3-1146-01	
	0-1		9.7405-01	57.37		-4.94 46-03	4186	357	-2.963F-01	
	0-1		5.738F-01	57.38	-6.833F-03	-4-8775-03	1719		-2.5576-01	
	0		5.7326-01	57.38	-1.023F-02	-4.22 PE-03		361	-1-120F-01	
	0-0		9-7265-01	57.38	-9.901F-03	-4.47 EF-03	4135	359	-3-018F-01	
	0.0		5.737E-01	57.38	-9.912E-03	-3.860E-03			-3.C216-01	
	0.0		9.7225-01	57.38	-1.C12E-02	-4.376F-03	3414.	359	-3-086 F-01	-1.3356-0
	0.0		5.733F-01	57.38	-9.654 8-03	-4.395E-03	415E	35 t	-2.5436-01	-1.340F-0
	0.0		5.7295-01	57.40	-1.613E-02	-3.656F-03		351	-3.087E-01	-1.1146-0
	0-1		9.7205-01	57.40	_	-3.7076-03	3505 -	50E	-3-076E-01	-1-130E-0
	0.0		5.7315-01	57.41	0	-3.51ef-03	3919		-3.0416-01	-1.0716-0
	0.0		9.722-01	57.40	-9.615E-03	-4.276E-03	4146		-2.931E-01	•
	0.0		5.883F-01	57.40	-1.6585-02	-2.061E-01			-5.055F-01	1
	1.100		1.C38F 0C	57.42	-	-8.9156-01			-2.278E 00	•
	0.200		1.074 00	57.44	-1.91901	-1.222F 00	4.873F 02	1.7516 03	-5.5446 00	•
	300		1.074F 00	67.40	-2.5738-01	-1.18AF DO	4.873E 02		-9.0626 00	•
	0040		1.0436 00	67.38	-4. 0266-61	-1.0646 00	7306		-1.2276 01	•
	500		1.0095 00	67.36	-4. CCSE-01	-C 748E-01	4. 578E 02		-1.5236 01	•
	004		6.5625-01	57.33	-5.8891-01	-0.1516-01	4.5336 62		-1.75% 01	•
	700		1.0216 00	67.20		-0.1576-01	4.6336 02		-2.0426 01	•
	008-0		1.0425 00	57.21	-7.637E-01	-0 34 75-01	4. A18E 02		-2.3286 01	
	000		2000	67.13	20 524 6-01	2736-01	0446		2 . KCOE 01	-
			2000	57 03		-0 2775-01	9446		20000	-
	000		20,001		: .	2000	3010	3366	10 300007	
-	100		1.1685 00	20.44	520-1	5 . 355	4.84CE U.	1335	-3.135 01	•
	002-		1.047E 00	20.82	1:11	O	. 748 E	346	-3.405E OI	•
-	.300		1.053€ 00	56.72	\sim	-5.28 IE-01	. 177E	. 129E	-3.656 01	•
-	1.400		1.078E 00	26.60	1.288	-9.272E-01		N	-3.925E 01	
-	000		1.137F OC	84.99	-1 - 376F CO	-9.2436-01	5.0006 02	1 7226 02	10 3701 7	

EXPERIMENTAL CATA

RC JR	RUN	0851.	TENSTON	LENGTH VELOC	VELOCI 1Y	ACCEL.	TENSICA	LENGTH	VELCCITY	ACCEL.
SEC	11 %E SFC	PAGLE	183	FT	FT/SEC	FT/SEC/SEC	CRAN	ð	CP/SEC	CM/SEC/SEC
2.600	1.600	9.96		56.33	4665	-9-246F-01	CILE	0	-4-467F 01	3818
12.700	1.700	24.8	141	56.17	552 E	-273E-	0	1.7126 62	-4.721E 01	-2.828E 0
12.300	1.300	36.8	265	13.95	€39E	S	. Se6E 0	0		.803€
15.900	1.900	24.7		55.83	322F	-8.118E-01	.845E G	0	-5.245E 01	2.474
13.000	2.000	26.1	£46	55.64	.780€		.780E 0	0		-403E
13.100	2.100	26.1	₩.	55.45		-1.464E-01	0	1.690€ 03	-5.496E 01	-462E
13.200	2.200	20.6	30E	55.27	1.806E	5.752E-03	0	6 ESE 0	. 506E	1.
13.300	2.300	24.7	306	55.69	-1.803E CO	4.243E-02	0	679E C	455E	1.2936 0
13.400	2.400	26.8	355	54.52	-1.759E CO	2.970E-02	. 565E 0	0	-484E	9.052E-0
13.566	2.500	26.8	185	54.14	-1.797E 00	1.302E-02	0 3450	***	-476E	3.96 E-01
13.600	2.600	26.5	346	54.55	195E	-8.485E-03	. 561E 0		.472E	-586F
13.700	2.700	5.97	375	54.37	.755€	.205	O		*	686E
13.800	2.800	26.5	176	54.21	796E	7.403	0		473E	2.256E-
13.900	2.900	26.5	175	54.04	-1.756F 00	-6.423E-03	0	31	473E	1
14.000	3.000	54.5	55E	53.88	196E	-3E15	. 832E 0		473E	-211E-
14.100	3.100	26.5	19E	53.70	-1. 796E CO	-7.074E-03	35 0	.437E	474E	-156F-
14.200	3.200	8.92	335	53.51		\$18	0	. £31E	175E	518F
14.300	3.300	36.8	35E	53.33		-3.769E-03	920E 0			149
004.41	3.400	26.1	1 4E	~		-4.038E-03	•	.620E		-1.231E-0
14.500	3.500	8.92	16E	55.95		.5	0	9419·	175E	-994E-
14.600	3.600	36.8	78F	52.78		-8.493E-03	0		174E	-388E
14.700	3.700	26.8	CE	52.60			0 3	03E	475E	449F
14. 866	3.800	5.32	336	25.44	1.756E	-2.455E-03	0	; EE	114E	.484
006-51	3.900	26.5	4E	52.28	1.796	5	9156 0		-414E	1.018
2000	0000	25.5	370	22.10	10.1905	D .	90		100	0
2010	2000	24.5	200	51.31	1061.1		9500	272	35	407.7
2000	4 300	34.6	00 35 00	61.66	1 7066 00	4 45 75-05	4.6977 02	1 5735 03	10 3776 01	20-346-02
2.400	4.400	36.6	35	. "	7056	•	9 6	2777		
5.500	4.500	26.9	1 25	1	1.795F	: -	, .		1776	274
5.600	4.600	26.6	176	51.04	166F	- 1 4 1 P	0	1866	-5.4736 01	2 - 90 B
5. 700	4.700	26.9	1 1	50.87	1. 796 F	1.696F-	9296	305	136	5.171F
15.800	4.800	26.99	39E	50.69	1.756E	-	0 3046.	1.5456 03	1746	4.187
15.966	4.900	26.5	136	50.50	395L	4.435E-	0	35E	-5.474E 01	
16.000	2.000	26.8	111	50.32	756E	-7.505E-03	.9036 0	346	474E	283
001-91	5.100	26.8	306	50-12	196E	-	9 300 P	28E	1146	2.874
16.200	5.200	26.8	349	45.64	396L	956E-	9156	32E		1.511
16.300	5.300	36.8	ESE.	49.19	396L	1.178E-03	.922E 0		474E	. 591
16.460	2.400	26.5	976	19.65	395L	155	. 531E 0	126	13E	965
16.500	5.500	27.6	£5.	49.64	195E	6.621E-	0	1.5C7E 03		10
16.600	2.600	56.5	308	49.27		-	0 38	320	136	-2.246F-01
16.700	5.700	26.5	361	49.11	-1.796F 00	-64 5E-	0	315	136	=
16.800	2.800	26.5	351	48.54	-1.795E 00	-	0	1.4526 03	~	-8-585E-02
16.900	2.900	56.9	115	48.11	. 755F	-	0 3/	*	472E	-934E-
17.000	6.000	56.5	345	48.60	-1.795 E 00	-6.015E-03	IE C	1.401E C3	.472	833

EXPERIMENTAL DATA

RCOR	PLV	CSCL.	15 NST UN	LEN	LENGTH	VELOCITY	ACCEL.	TENSICA	LENGTH	VELOCITY	ACCEL.
116	116	ANGLE						1100	:		
350	Sec	0E6	1.65	u	14	FT/SEC	11/SEC/SEC	CK DP	5	CAVSEC	CMASECASEC
17.200	6.200	27.0	35	4.	.28	-1.755£ CC	-4.200E-U3		0	3 -5	-1.280E-01
1.300	6.300	51.5	1.0516 0	48	48.10	195F	-2.4076-03	**1658 02	0	3 -5.472E	337F
1.+00	0.430	5.32	35		25.	3951			0	3 -5.4736	054E-
7.500	005.0	5.15	36		.72	. 756E	-5.55 EE-03	3911.	1.455E 0	3 -5.474	-
7. 500	003.9	36.5	32		. 55				0	3 -5.413E	-1.380F-0
7.700	001.9	26.6	51		.34	395L	-2.906E-03		0	3 -5.4736	8.856F
7.800	6.600	26.6	.11		.18	-1.755F 00	-5.177E-C3		1.4366 0	3 -5.472E	
206.7	2.500	56.5	11		13.	3551	-5.2176-03		1.433E C	472E	-1.590F
0000.	7.000	56.9	3E		46.84	w		4	1.4288 0	-5.473£	-2-189
101·3	1.100	56.5	4		19.95	195 F	-5.692E-03	4.782E G2	1.4226 0	473E	-1.735E-
9.200	7.200	26.5	ų;		46.50	-1.795E 0C			1.4176 0	-5.473E	-6.900E-02
306.	7.300	27.0	5.6		46.32				1.4126 0	472E	7.078€
8.400	1.400	56.5	a,		40.14	-1.795E 00	-4.0136-03		1.40¢E 0	3214.6- 5	-1.2236-
3.500	7.500	56.5	111	4	5.56	111	-7.663E-03	316	1.4016 0	3 -5-4726	1
8.000	7.600	597	u	4	5.80	-1.755F 00	-5.319E-03	15E	1.35¢E 0	3 -5.4726 01	
9. 700	7.700	56.5	4	4	5.63	111		319	1.391E 0	471E	
8.800	7.800	26.5	36	4	5.45	-1.795E CC	7.5E6E-04	386	1.385E 0		
8. 90C	1.500	26.5	36	4	5.26				1.2ECE 0	-5.471	
2000-6	8.000	56.55	BE	4	5.08	O	-8.692E-03		1.374E C	3715·	•
001.6	8.100	56.92	26	4	05.4	0 396I	-6.550E-03		1.369E 0	3474E	
9.200	9.200	26.5	2E	•	4.71	196E	-3.585E-03	316	1.362E C	3 -5.4748 01	
9.300	8.300	34.8	30	4	4.53	196E	-2.266E-05	3491.	1.3576 0	3474.	-6.906E-04
9.400	3.400	56.5	90		4.35	195E			1.352E 0		
2.500	6.500	27.6	4:		44.19	1.795	-4.823E-03	536	1.347E 0	.472E	
009.	009.6	5.92	2	4	4.62	155E	-7.68CE-03	. 172E	1.3426 0	5.4738	-2
20 100	8.700	27.0	4.	4	3.84	1.796E	-6.134E-03	325	1.336E G	. 473E	
9.800	8.500	54.5			3.67	1. 1956			0	-5.412E	-4.048E-02
006.6	9.900	5.97	ш.	4	3.50	155E	-1.388E-03	. 168E	1.3266 0	3 -5.472E	
0.000	2.000	27.6	u.		.35		5		1.32CE 0	3 -5.412E	-1.6556-
001.0	9.100	56.5	9		.14	195E	.89	336	1.3156 0	.473€	-2
50.200	9.200	27.0	1.048E 0	00 45	45.98		•	4.154E C2	1.310E 0	5.474E	
3000	6.200	26.5	4		28.	196E	-3.35 3E-03		1.305E C	5.413	-1. C22E-01
20.400	2.400	5002	B.		• 65	. 796E	9.402E-04	. 758E	1.300E 0	5.474E	
0.500	2.500	56.5		3	2.48	165E	1.020E-04		1.255E 0	.472E	
0.600	009.6	36.8	76	4	2.26	. 195	2.800	3641.	1.289E G	5.473E	
C. 700	9.700	26.8	36	3	2.11	-166E	-8.663E-03	. 733E	1.283E 0	-474E	-2.641E-
0.800	9.800	26.7	9:		41.90	1.796	5.6	3561.	1.2776 0	-414E	-1.732
006-0	3.900	26.1	2		41.71	1.756E	-3.492E-03	. 790F	1.2716 0	-5.475E	-1.0646-
21.000	10.000	24.1	35		41.54	w	.454	365	1.264E C	+14.	-7.389€-
1.100	10.100	26.1	25		41.37	1.796E	-2.886E-03		0	-5.413E	-
1.200	10.200	3.92	96		.20	1.795F	- 464	. 760E	0	.4738	-2.427E-
1.300	16.300	3.92	7	7	00.		-6.575E-03	116	1.250E 0	.473	-126F
004-1	10.400	3.92	36		98.	1.796E		336	1.245E 0	.473E	-1.395E-01
21.500		26.8	75		99-05		.261		1.235E 0		.823
1.600	10.600	3.46	36		40	1.705	-4 0785-04	1745	0 3452 1	* 1 1 1 4	. 34 .
	۲				01.	101725	2	20 301101	0 346301	3716	1000

EXPERIMENTAL CATA

		NOISNET .	NC	LENGTH	VELOCI1Y	ACCEL.	TENSICA	LENGTA	VELCCITY	ACCEL.
TI PE TI	TIPE DAGLE								4 1564	100
		Les		11	FT/SEC	FT/SEC/SEC	CRAP	à	CM/SEC	CH/SEC/SEC
10.	900	1.05	00	40.14	-1.795E 00	-6.513E-03	4.17GF 02			-2.107E-01
21.900 13.		1.04	00	39.96	1.796E	.75	3651.	1.218E 03	-5.473E 01	-2.363E-01
		1.04	20	35.86	. 796E	-2.472E-03	735€		3474.	-7.536E-02
	11.100 26.9	1	00	39.62	-1.756E 00	-1.355E-04	.725E	0		-4.143E-03
		1.05	00	39.45	3961	-2.354E-03		0	414	-7.182E-02
		1.05	00	39.32	395L	. 018	.782E	0	.473E	-1.530E-01
_		1.05	00	39.24	-1.796E CO	-6.862E-03		u	-5.474E 01	-2.092E-01
		1.04	00	29.67	3961 .	.715			16E	-2.047E-01
		1.04	00	38.50	395L	-3.441E-03	. 73SE	0	156	-364C
		-	00	38.73	:		1406			
		-	00	38.55	. 796F	2	.7716	1.1758 03	73E	759E
		1	00	38 - 38	1.7966	-7.465E-03	3577.		13E	175E
		-	00	38.20	:		.758E		135	-2.152F-0
		-	00	28.03	-756E	-7.210E-03			5.4756	-2.198E-0
		1	00	37.85	1.796E 0	-	. 745E		5.474E	-3-116F-02
		-	90	27.69	796E			0		-1-968E-0
		-	00	37.53	-1.795E 00		. 50 1E			-1.0696-01
		-	00	37.35	196F		32 1E		-414E	1.800E-
23.600 12.	12.600 26.5	3513.1 3	00	37.18	-1.796E 00	-7.032E-03	4.892E 02	- 70		-2.143E-01
		-	00	36.99	396L			0		388E-
		-	00	36.81	3961			1.122E 03	-5.475E 01	134F
23.900 12.		-	22	36.63	•	-1.2436-03				
		-	00	36.45	196E	-3.665E-03		0		-1.1796-01
		-	30	36.26	196E	•		1.1056 03		-2.805E-01
			00	36.10	1.796F	-8.023E-03	853E	0	-5.475E 01	-2.445E-01
		-	00	35.54	1.796			0	5.415E	-1.189E-01
		-	3	35. 16	. 196E			1.09CE 03	25	-2.39 IE-0
			00	35.60	1.756E	-9.402E-04		. 065E Q.	13E	-199
		-	00	25.43	196E			1. Cece 63	.473E	105E-
		-	00	25.25	-1.796E CU				14E	-2.235E-01
24.800 13.	3.800 26.9	-	00	35.07	1.756E			1.C65E 03		-2.166E-01
			00	34.89	1.796E	-4.9146-03			-5.474E 01	-1.498E-01
			00	24.13	1. 756E			Ibo.		-2.287E-02
-		1.02		34.56	1.796E	7.36 2E-05		1. C. 3E C3		2.244E-03
14		1.67		24.39	196E	.12				-6.474E-02
-		1.00		34.22	. 755E	-		. 04 3€	-5.472E 01	-2.486E-01
14		1.67		24.03		-7.182E-03		ш		1096
25.500 14.		1.07		33.64		-			.475E	187
14		1.07		33.66	-1.796E 00	-8.524E-04		_	34	798F
14		1.67						.020E	•	-5.585E-02
900 14.		1.07		33.30	-1.796E CO	-5.38 7E-03	w	015E	474E	-1.642F-0
-		1.07		33.13	395L	.051	£73E	0 3313	414E	-2.759E-0
15		1.07		32.54	1.796€	-6.514E-03	-	1.004E 03	5.475E	-1.985E-0
15		-		22.76	395L	113.		9.587E 02	5.4	-1.180E-0
15.		1.02		23 40		1. 21 95-04	96.55		****	•
								,		

EXPERIMENTAL CATA

RCGR	RUN	OSCL.	TENSTON	LENGTH	VELOCITY	ACCEL.	TENSICA	LENGTH	VELGCITY	ACCEL.
TIME	TIPE	ANCLE								
SEC	SFC	066	185	F 1	FT/SEC	FT/SEC/SEC	CRAN	3	C#/SEC	CM/SEC/SEC
004.9	15.400	27.0	1	32.25	1.796F	-3.6656-03	4.845E CZ			
6.500	15.500	27.6	4	32.67	-1.795E 00	-7.8116-03	4.845E C2		5.47¿E	-2.381E-01
009.9	15.600	26.0	111	31.50	1.756F	50€		34		-2.197E-01
€. 7CC	15.700	27.6	1.070F 00	31.73	-1.7955 60	•	4.854E C2	. € 7.EE	-5.4726 01	-5.317E-02
6.800	15.600	26.5	H	31.55		915.	84E	3513·		2.900E-C
006.	15.930	56.5	4:	31.38		-1.7456-03	369	. 5636	. 95	-5.317F
3.000	16.000	56.5	u	31.19		-4.3536-03		. SCEE		-1.327E-(
201.	16.100	56.5	4	30.59		-7.2445-03		.446E	-5,473E 01	-2.20EE-
7.200	16.200	26.5	u	30.82	-1.796E 00	-5.743F-03		. 355E	5.475E	-1.7516
7.300	16.390	26.6	1.C71E 00	30.62				.333E		-1.3116-
2.400	16.400	26.€	ш	30.46	-1.796E CO	-1.885E-03		3482.	100	-5.758F-
1.500	16.500	20.5	·u	30.30		-2.1446-03	4.659E C2			-6.534F
7.600	16.600	24.6	u:	30.11	-	-4.874E-03				-1.486E-
7.700	16.700	56.5	u	55.62	-1.796E 00	-4.E46E-03				-1.477F
7.8€€	16.800	27.0		29.17		-6.610F-03				-2.015F-
2.900	16.900	26.5	w	29.60		-3.540E-03	3648			-1.079E-
8.000	17.000	56.95	u	29.44		-1.7336-03				-5.283E-(
8.100	11.109	27.6	1.072F 00	29.27		-4.62BE-03				-1.410E-
8.200	17.200	56.5	·u	29.10		-4.228E-03				-1.289E-
9.300	17.300	27.0	w	28.95		-5.497E-03				-1.675E-
9.40¢	17.400	54.5	w	28.15		-3.500E-03				-1.067E-
8.500	17.500	26.5	w	28.60	-1.796E 00	-4.197E-03				-1.279E
109 ·a	17.600	56.5	1.078F 00	28.42		-3.716E-03			5.474E	-1.133E-(
9. 700	17.700	56.5	w	28.23	-1.796E 00	-2.7336-03				-9.330E-
8.800	17.800	54.9	w	28.06		-4-197E-03			5.474E	-1.279E-
906.	17.500	3.97	Lis.	27.85	-	-4.732E-03				-1.4426-
0000.6	18.000	56.5	u	27.68	-1.795E 00	-5.673E-03				-1.729E
9.100	18.100	50.92	3.	27.52		-6.358E-03				-1.938E-(
9.200	18.200	54.5	u:	27.33		-4.577E-03				-1.395E-01
9.300	18.300	56.5	1.067E 00	27.17	155E	-3.537E-03		.280E	5.470E	-1.200F
004 .6	16.400	27.6	u.	56.46	-1.755E 00	-2.237E-03	4.837	. 226E	5.4716	-6.819E-
2.500	18.500	27.6	8	26.82	1. 795E	-2.147E-03	4.8536	. 176E	-5.471E 01	一下大二
009.6	18.600	27.0	36	29.92	-755E	-3.2¢ 5E-03	4.865E			-9.953E-(
2. 700	18.700	26.5	w	56.45	-1.795 €	-5.117E-03	4. E 7 SE	. C4 3E	5.472E	-1.560F-01
008.6	16.800	27.0		26.30	-1. 795E	-6.129E-03	4.8716			-1.060E-
006.6	18.900	27.0		26.12	-1.795E	-5.304E-03	4.6636	. 542E	5.472E	-1.617E-01
0.000	15.000	26.5	u.	55.62	-1.796E	-4.276E-03	4.876E		-5.473E 01	-1.3036-01
0.100	19.100	26.5	w	25.76	-1.795E	-8.921E-04			5.472E	-2.719E-02
0.200	19.200	27.6	ננו	25.57	-1.796E	1.55 EE-04		15 SE	-	4.748F-03
0.300	19.300	26.5	w	25.39	-1.795E	-3.9116-03			-5.470E 01	-1.192E
004.0	19.400	24.8	w	25.21	-1.755E	-5.1746-03	395		-5.470E 01	-1.577E
0.500	15.500	56.5	w	25.02	-1.795E	-6.800E-03	4.875E C2	25E		-2.073E-
209.3	15.600	26.6	:11	24.85	-1.796E	-3.3536-03	346	346	5.473E	-1.022E-
30.700	19.700	26.9	1.073E 00	24.68	-1.795	4.050	. 86		-5.471E 01	-1.234F-02
C. 800	19.800	26.5	4	24.51	-1.795	-3-022F-03	358	359		-5.210E-
			,			-	-			

EXPERIMENTAL CATA

30										
11 %E	1116	ANCLE								-
SEC	SFC	930	LPS	11	F1/SEC	FT/SEC/SEC	CRAP	3	CP/SEC	CM/SEC/SEC
31.000	20.000	27.6		24	-1.796E 0	-6.111	O	7.367E 02	-5.4736 01	-2.064E-0
31.100		24.5	391		1.795E	i,	O		-5.472E 01	-2.054E-01
31.200		3.75	*	23.82		-3	4.8186 02	7.261E 02	-5.473E 01	-1.076E-0
31.300		26.5	33			•	0		136	-7.070E-02
31. 400		27.5	55E		_	2	0		17EE	1.5376-0
31.500		27.6	38E		ш	•	0 3562.			
31.600		26.5	36€			•	0	.051E	472E	-1.764E-0
31.700		26.5	£ 5.			-6.	0			-2.019E-0
11.300		56.5	\$2F		-1.796E C	9-	0	347E		-1.831E-01
31.966		26.5	57E		-1.796E 0		O	6.ftff C2	13E	-3.315E-0
95.000		26.5	125		-1.795E G	7	0		172E	-6.008E-0
15.100		26.8	52E		-1.796F 0	-3	4.81SE 02	6.117E 02	174E	-9.875F-0
32.200		26.5	365		-1.795E 0	9-	0			-1.874F-0
15.300		56.5	319			- 7	0	6.6748 02	341	-2.347F-0
32.400		26.5	365			4-	0	2 1E	-5.474E 01	-1.240E-01
32.500		26.5	36		-1.755E 0	•	0	359	12E	-9.763F-
12.600		27.0	48E			1	0	1 SE		-2.262E-(
32.700		27.6	54E			'	0	6.46cE 02	-5.413E 01	-3.49EE-02
15.800		1.12	555			1	0	360	-5.472E 01	-1.4836-
15.900		27.0	52F			•	. 171E O	57E	73E	-1.926E-01
33.000		27.6	1.C48E 00	59.02		ī	4.752E C2	.3C.E	-5.472E 01	-1.5476-01
13.100		27.5	36 t			-3	0	31E	172E	-1.120F-C
33.200		27.6	535			7		. 15 CE	136	-3.6176-0
13.300		27.0	160			-2	0	_	-5.472E 01	-6.474E
13.400		56.9	45E	_		•	0	. C83E	12E	
13.500		26.5	25€	-		1	0	. C26E	-	-1.562E-01
33.600		56.5	9	_		i	0	126	-	-1.28iE-01
13. 700		5.92	45E	7		i	0	3815	_	-1.3116-
33.66	22.800	26.9	1.037E 00	-		00 -5.222E-03	4.7036 02	. 667	13E	392F
33.900		3.75	3/6	_		* 1	9	3118	37	-1.3735-01
34.000		54.5	246	-	1956		0	57E		-1.5306-0
001.		5.97	32	-		-	9	. /C 3E	1756	-3.401E-
007-46		2.7.5	396			-7-	9	-650E		-7.113F
34.300		27.5	396	18.37		E .	. 714E 0	. CCE	471E	
94.400		27.6	48E			-5		36436	-5.472E 01	-1.629E-01
34.500		27.1	115	_		-7.261	0	1154.	111	-2.2136-01
34.606		27.0	1.045E 00	17.85		-	0	416	12E	-7.406E-
14.700		27.0	35	-		-4.531	0	.387£	30	-1.3816
14.800		27.0	13E	-		-7.3	0	.334E		-2.244E-0
34.900		27.5	311	_		•	0	.201E	-5.471E 01	-1.123E-01
95.000		27.6	£ 5E	-	365L	-6.5	0	.227E	_	-2.011E-C
35.10c		26.5	65E	_	396L	1	0			-2.3176-0
15.200		26.5	715	-	356L	-5.7	4.856E 02	5.118E 02	•	-1.748F
35.300		56.5	399	-		C 5.405E-02	4.833E 02	5.055E 02	-5.470E 01	1.647E
207 30			-			1				
-		24.5	00 18100	14.43	-1-770F O	10-376-01	4.61CF 02	S. C. EFE D2	LY SCAF OI	1.7316

EXPERIMENTAL DATA

RCC	AUN	. 1350	IFNSICN	LENG TH	VELOCI 1Y	ACCEL.	TENSICA	LENGTH	VELOCITY	ACCEL.
I NE	116	FACLE								
SEC	246	D.F.C.	Sin	11	FIZEC	FT/SEC/SEC	GP AV	ð	CP/SEC	CP/SEC/SEC
209	24.600	36.8		16.12	1.628F 0	9.145E-01	. 716E			
100	24.790	56.5	_	15.61		9.330F-01			-4.689E 01	2.844E 01
900	24.600	27.6	1.0107 00	15.84	1.450E	9.208E-01	.582€		3614.	
306	24.900	56.95	141	15.71	-1.362E 00	9.037E-01	E I E		3151	
000	25.000	27.6	4	15.58	1.276E	8.9236-01	3069.		. E89E	
100	25.100	27.6	u	15.48		8.E56E-01	.671E		.435E	
200	25.200	27.6	7	15.39	1.1146	10-3109-8	32:3.		-3.395E OL	
300	25.300	27.6	·u	15.30	-1. C29E 0C	8.821E-01	.542€	9599	3.137E	
400	25.400	26.5	w	15.51	- 1	8-845E-01	. 661E		2.881E	
200	25.500	27.5	u	15.15	-8.627 8-01	8-682E-01	. 6 46E			2.646E 01
009	55.600	56.55	1	15.06	-7.795E-C1	8.877E-01	.507E	4.590E 02	2.376	
100	25.700	5.07	-	14.98		8.814E-01	.515E		121E	
800	25.600	24.5	11	14.93	.124E-	8.7736-01	. £6.5£		. £67E	
006	25.900	26.8	141	14.67	-395Z-	E-71 CE-01	.>86E			
200	26.600	26.5	1	14.84	-4.473E-01	£.715E-01	3554.		-1.3638 01	2.656E
100	26.100	26.5	0-3	14.82	-3.622E-01	8-707E-01	.205E		-1.104E 01	2-654E
200	26.200	26.5	W	14.60	-2.794E-01	8-725E-01	. 566F		-8.5166 00	2.659£
300	26.300	27.6	F-0	14.79	-1.580E-C1	8-6491-01	525E		-6.036F 00	2.636F
400	26.400	26.5	1	14.79	-	8-405E-01	4816		-3.5698 00	
500	26.500	27.6	ш.	14.79	3	5-85 CE-01	999		-1.524F 00	
309	0.0	27.6	u	14.79	-1.409 E-02	2.485E-01			-4.254E-01	
700	0.0	27.5	u	14.80	-8.751E-04	4.206E-02	.587E		-2-667E-02	
900	0.0	27.0	w	14.80	3.146	-3.484E-02	. 553E	4.51CE 02	-9.590E-02	7
906	0.0	27.1	w	14.82	-8.233E-03			17E	-2.5C9E-01	-
000	0.0	27.6	w	14.61	-1.0C5E-C2	-2.0836-02		3515	-3.062E-01	-
100	0.0	27.6	u	14.82	-1.221E-02			166	-3.720E-01	7
200	0.0	27.1	111	14.80	-1.143E-02	1.3316-03	4.622E 02		-3.4636-01	•
300	3.0	27.0	111	14.80	1	2-138E-03	30 S		-3.638E-01	6.517E-(
754	0.0	27.6		14.80	1	1.09 EE-03	.637E		-3.648E-01	3.341E-
200	0.0	56.5	w	14.18	1	-3.087E-04	4.607E 02	4.5C6E 02	-3.6956-01	-9.409E-
309	0.0	5.92		14.79	1	-1.880E-03			-3.727E-01	•
200	0.0	27.6	tu	14.79	•	-1.472E-03	₹959		-3.4646-01	•
900	0.0	50.92	u	14.79	-1.144E-02	-1.852E-03			-3.486F-01	-5.645E
306	0.0	27.6		14.80	-1.078E-02	-2.053E-03		4.512E	-3.267E-01	•
000	0.0	27.1	uı	14.80		-1.4846-03	52E 02	4.512E	-3.305E-01	-4.523E-
100	0.0	27.1	w	14.61		-1.793E-03	.631E	3E15	-3.235E-01	•
200	0.0	27.6	w	14.80	-1.061E-02	-1.116E-03	.624€	\$12E	-3.235E-01	-3.401E-
300	0.0	27.6	w	14.61		-2.161E-03	.6376		-3.385E-01	-6.586E-
004	0.0	27.1	w	14.62	-1.088E-02	-2.116E-03	. 643€	3115	-3.316E-01	•
200	0.0	27.6	u	14.62	-1.049E-02	-1.484E-03	36236		-3.15eE-01	-4.523E-(
009	0.0	27.6		14.82		-1.75 8E-03	306	3915	-3.403E-01	
700	0.0	27.1	u	14.83		-1.745E-03		35 1 SE	. 383	-5.317E-(
906	0.0	27.6	U	14.81		2	041E		3.272	-6.629E-02
39.900	0.0	27.0	1.022E 00	14.81	-1.1256-02	-1.410E-03	.635	4.513E 02	3.429	•
200.04		1	9							
***	0.0	2.00	w	14.81		-1.875E-03	4.64GE G2	\$ 1.2E	.445	-5.714E-

EXPERIMENTAL DATA

RIC UNITS	VELOCITY ACCEL.		CP/SEC CP/SEC/SEC	2 -3.466 -01 -1.033 -01		2 -3.413t-01 -7.760E-02															
METRIC	LENGTH		3	0 3536.6	9 4.511E C		0 3115.4	4.511E 0	4.511E 0	;;;;	;;;;	*****	;;;;;;	******	<i>iiiiiiiii</i>	<i>iiiiiiiii</i> ii	*********	*********	*********	;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;	20020
	TENSICA		CRAP	4.648E 02	*		4.6436 02	4 4	111	4.043E 4.043E 4.044E 4.046E	4.043E 4.044E 4.044E	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	44444444444444444444444444444444444444	A 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	44444444444444444444444444444444444444	44444444444444444444444444444444444444	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4444.044444444444444444444444444444444
	ACCEL.		FT/SEC/SEC	-3.35CE-03	-2.546E-03	-2.5946-03		-2.475E-03	-2.475E-03	-2.220E-03	-2.475E-03 -2.852E-03 -2.226E-03 -2.133E-03	-2.220E-03 -2.220E-03 -2.133E-03									
FAGI 1St UNITS -	VELOCITY		FT/SEC	-1.137E-02	-1.120 E-02	-1.094F-C2		-1.1336-02	-1.133E-02	-1.133E-02 -1.080E-02 -1.G70E-02	-1.133E-02 -1.080E-02 -1.G70E-02 -1.108E-02	-1.1336-02 -1.0806-02 -1.6706-02 -1.1086-02	-1.1336-02 -1.0806-02 -1.6706-02 -1.1086-02 -1.1336-02	-1.1335-02 -1.0805-02 -1.0705-02 -1.1085-02 -1.1355-02	-1, 1336-02 -1, 080 E-02 -1, 070 E-02 -1, 108 E-02 -1, 138 E-02 -1, 136 E-02 -1, 16 E-02	-1.1336-02 -1.080 E-02 -1.080 E-02 -1.085 E-02 -1.135 E-02 -1.136 E-02 -1.064 E-02	-1, 1335-02 -1, 0805-02 -1, 1086-02 -1, 1386-02 -1, 1356-02 -1, 136-02 -1, 136-02 -1, 091 5-02	-1.1336-02 -1.080 E-02 -1.070 E-02 -1.138 E-02 -1.116 E-02 -1.070 E-02 -1.091 E-02 -1.091 E-02	-1.1336-02 -1.6706-02 -1.6706-02 -1.1386-02 -1.1386-02 -1.0706-02 -1.10916-02 -1.10916-02	-1.133E-02 -1.080E-02 -1.080E-02 -1.108E-02 -1.135E-02 -1.06E-02 -1.091E-02 -1.091E-02 -1.109E-02	-1.1336-02 -1.080 E-02 -1.070 E-02 -1.18 E-02 -1.116 E-02 -1.070 E-02 -1.070 E-02 -1.100 E-02 -1.136 E-02
FAGI	LENG TH		FT	14.19	14.80	14.80		14.80	14.80	14.80	14.80 14.81 14.81	14.80 14.81 14.81 14.30	14.81 14.81 14.81 14.80	14.80 14.81 14.81 14.80 14.80	14.80 14.71 14.71 14.76 14.76	44444444444444444444444444444444444444	14.80 14.6.81 14.6.80 14.6.80 14.6.81 14.6.81	14	44444444444444444444444444444444444444	1 1 4 4 4 4 4 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9	1 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
	TENSICN		1.85		1.0235 90	1.024F CC		24F	245	24F	24F 24F 24F 25E	24F 24F 24F 25E	24F 24F 24F 25E 25E	245 255 255 255 255 255 255 255	245 255 255 255 255 245 245	245 255 255 255 255 255 255 255 255 255	256 256 256 256 256 256 256 256 256	245 255 255 255 255 255 255 255 255 255	1.024F 00 1.0245 00 1.025F 00 1.025F 00 1.024F 00 1.024F 00 1.024F 00 1.024F 00	255 255 255 255 255 255 255 255 255 255	1,024F 00 1,024F 00 1,024F 00 1,024F 00 1,024F 00 1,024F 00 1,025F 00 1,025F 00 1,025F 00 1,025F 00
	OSCL.	PACLE	0EG	27.0	27.1	27.6		27.0	27.0	27.0	27.0 27.1 27.1	27.0 27.1 27.5 27.5	27.0 27.1 27.0 27.0	27.0 27.1 27.0 27.0 27.0	27.0 27.1 27.1 27.1 27.1 27.1	27.0 27.1 27.1 27.1 27.1 27.1	27.0	27.0	27.0	27.0 27.1 27.1 27.1 27.1 27.1 27.1 27.1 27.1	2.7.0 2.7.7.0 2.7.7.0 2.7.7.0 2.7.7.0 2.7.7.0 2.7.7.0 2.7.7.0 2.7.7.0 2.7.7.0 2.7.7.0 2.7.7.0 2.7.7.0 2.7.7.0 2.7.7.0 2.7.7.0
	RLN	1145	SFC	0.0	9.0	0.0		0.0	0.0	000	0000	00000	000000	0000000	00000000	000000000	0000000000				
	RCDR	TIME	SEC	40.200	40.300	40.400		40.500	40.500	40.600	40.500 40.600 40.700 40.300	40.500 40.500 40.700 900.900	40.500 40.600 40.700 40.300 41.000	40.600 40.600 40.700 40.900 41.000	40.500 40.600 40.700 40.900 41.100	40.500 40.600 40.900 41.000 41.100	40.500 40.600 40.600 40.900 41.100 41.300 41.400	40.500 40.600 40.900 41.000 41.100 41.300 41.300	40.500 40.600 40.600 40.900 41.000 41.300 41.400 41.500	40.500 40.600 40.600 40.900 41.000 41.200 41.460 41.660	40.500 40.600 40.600 40.800 41.100 41.100 41.500 41.600 41.600

EXPERIMENTAL DATA

06 - 01 56 C0	ACCEL.	CH/SEC/SEC	-1.577E 00	1.498E	-1.5276 00	1.454E	450E		-418E		1.324E	1.3416	-1.412E 00	1.432E	1.475E	496E	1.425E	-1.40AF 00	1.36 CE	1.382E	1.4136	1.417E	-1.3076 00	-	1.316F	.372E	363€	1.3726	1.3016	-1.4106 00
10 = 78 10 = 78 10 = 78 10 = 78 10 = 6000 10 = 6000 10 = 6000 10 = 6000 10 = 6000 10 = 6000	VELOCITY	CP/SEC	-4.909E-01	-4.679E-01	-4.820E-01	-4.528E-01	-4.557E-01		-4.760E-01	-4.648E-01	-4.760E-01	-4.755E-01	-4.175E-01	-4-E88E-01	-4.517E-01	-4.713E-01	-4.654E-01	-4.367F-01	-4.527E-01	-4.556E-01	4	-4.458E-01	10-3646-4-	-4-630F-01	-4.545E-01	527	-4.603E-01	213	15	-4.493E-01
STAT IC 0.0 0.0 0.0	LENGTH	t	3051	19CE	2.1506 02	1926	0.130			2.156E 02			1556		1886															2.192E 02
	TEASICA	CRIP	. 53CE	4.527E G2	4-526E 02	3619		.512E	3136				4.5135 02	512E			4.51it G2	5C7E			SCRE		4.5C/E G2	3636	. 512E	5C 8E			3 10E	4.5CSE 02
DSCILLATOR PAKAMETERS WCB FREGUENCY, 1/2	ACCEL.	FT/SEC/SEC	-5.1736-62		-5-CI CE-02		-4.658E-02	-4.707E-02	-4.651E-02	-4-397E-02	-4.343E-02	-4.355E-02	-4.633E-02	-4.658E-02	-4.835E-02		-4.677E-02	-4.62CF-02	-4.462E-02	-4.534E-02	-4.635E-02	-4.649E-02	-4.286F-02	-4-467E-02	-4-31 SE-02	-4.500E-02	-4.53 7E-02		-4.530E-02	-4.62 EE-02
PEY-DUT 3.00 2.00 6.00 44.00 48.40	LENGTH VELOCITY	FT/SEC	-1.611E-02	-	-1.5776-02	: :	-	_:	-	-1.5256-02	-		-1.56/t-02	-1.604E-02	-1.6136-02	-1.546E-02	-1.540E-02	-1.433E-02	-1.485 E-02	-1.495E-02		-1.463E-02	-1.4601-62		-1.491E-02		-1.510E-02	-1.5146-02		-1.4745-62
F F S 2	LENGTH	F.1	7.19	7.19	7.18	7.20	7.19	7.19	7.20	7.21	7.21	7.21	7.19	7.20	7.18	7.19	7.20	7.20	7.20	7.20	7.20	7.21	12.7	7.22	7.21	7.21	7.21	7.20	7.20	7.19
FRANKTERS (196L) (196L) (106L) (106C) (10	TENSTON	res	9.967=-01	5.581E-01	S - 5 1 1 E - 01	5.563E-01	9.9355-01	10-3955-5	5.549E-01	5.5.4E-01	9.544E-01	5.539E-01	0 56.75-01	9.9465-01	5.565E-01	9.9495-01	10- 3055	9.936F-01		•				5.540F-C1					•	9.5425-01
100 100 100 100 100 100 100 100 100 100	USCL.	056	26.4	26.6	24.6	26.6	26.7	26.7	26.6	26.6	26.7	26.7	26.4	26.6	24.6	26.6	26.1	26.4	26.	24.1	26.1	76.1	26.1	26.1	26.1	24.1	26.1	26.6	26:4	26.7
	RUN	SEC	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
. NO.	ACD8	Sec	0.0	0.100	0-360	0.400	0.500	0.600	200	206-3	1.000	1.100	1000	1.460	1.500	1.600	000	1.900	2.000	2.100	2.200	2.300	2.500	2.600	2.700	2.800	2.900	3.000	3.100	3.200

EXPERIMENTAL CATA

4	T TELE	CSCI.	TENSICN	LENGTP	VEL OCITY	ACCEL.	TENSICA	LENGTH	VELOCITY	ACCEL.
SEC	SFC	CFC	res	F1	FT/SEC	F1/SEC/SEC	GRAP	•	CP/SEC	CM/SEC/SEC
200	0.0	26.1	43	7.20	0	-4.440E-32	-		-4.6C2E-01	
200	0.0	3.92	326-	7.20	-1.514E-02	-4.382E-02	. > CSE		-4.616E-01	
23	0.0	26.1	10-3265.5	7.20	-1.446E-02	-4.448E-02	3636		-4.4CEE-01	356E
00	0.0	26.1	2.5445-01	7.21	:	.372	.>11E		-4.380E-01	1.333E
20	0.0	26.7	9.937F-01	7.20	1.401	-4.525E-02	. 5 C 7 E		-270E-	
00	0.0	26.1	10-3455·5	7.20	-1.385 6-02	-4.452E-02	.510E		-4.22 1E-01	1.357E
00	0.0	76.1	5.542E-C1	7.21	-	626		1	-4.342E-01	
00	3.0	26.1	5.527F-01	7.22	-1.439E-02	-4.335E-02		0.00	-4.3£7E-01	1216
00	0.0	26.1	5.536E-C1	7.22	-1.430 E-02	-4.427E-02			-4.359E-01	-1.349E 00
00	3.0	26.8	10-3055-5	7.22	-1.458F-C2	-4.277E-02		-	-4.445E-01	
204	0.0	26.7	5.5385-01	7.22	-	-4.330E-02			-4.527E-01	1.32 OF
200	3.0	26.1	10-2655.5	7.21	-1.474E-02	-4.548E-02			-4.492E-01	.386E
000	0.0	26.7	10-3446-6	7.21	-1.439E-C2				-4.385E-01	1.375E
200	0.0	26.1	5.552E-01	1.19	~	-4.804E-02	3415		24	.464E
001	0.0	26.7	5.5 £ 2E-01	7.19	-1.488E-C2	-4. t63E-02		251	-4.5356-01	17 1E
006	0.0	26.7	5.9335-01	7.20	_	-4.428E-02			-4.350E-01	.411E
000	0.0	26.7	. 10-3565-5	7.20	-	-4.557E-02			-4.471E-01	1.38SE
001	0.0	26.8	9.935E-01	1.21	-1.3875-C2	-4.463E-02			-4.226E-01	1.36 OE
200	0.0	36.55	9.931E-01	1.22	-1.429E-02	-4.415E-02			-4.354E-01	34 7E
5.300	0.0	36.8	5.53E-01	7.22	_	-4.425E-02	.506E		-4.2EBE-01	-1.349E (
200	0.0	26.8	9.938E-01	1.21	-1.358E-C2	-4.455E-02	. 5 C BE		-4.261E-01	
200	0.0	26.8	5.942E-01	7.22	-1.438E-02	-4.340E-02	•	2.2CCE 02	-382E-	1.323€
200	0.0	36.8	10-34E5-5	7.23	_	-4.501E-02	1906.	-	-4.211E-01	.372E
00	0.0	26.1	38	1.24		-4.211E-02	. 5C BE		4.347	1.284€
200	0.0	26.8	10-3525-5	1.23	- 1	•	.50ZE		956	1.264E
00	0.0	24.8	5.53CE-01	1.23	-	.356	. 5046		-4.299E-01	. 328E
300	3.0	24.1	5.933E-01	1.22	-	-4.316E-32	150		-4.456E-01	1.315E
200	0.0	26.1	5.531E-01	7.22		-4.278E-02	.505E		300	1.304E
90	0.0	26.1	5.943E-01	1.22		-4.35tE-02	. 51 CE		-4.375E-01	.328E
000	3.0	26.1	5.543E-01	7.21		-4.750E-02	. 5 1 CE		163	1.448E
000	0.0	26.1	10-3156·5	7.22	-	-4.547E-02	3636.		-4.399E-01	1.386E
000	0.0	26.8	9.9256-01	1.22	-1.448E-02	-4.55 SE-02	. 502E		-4.413E-01	
200	3.0	76.1	10-3145-5	1.23	_	-4.354E-02	.5CSE		-4.221E-01	1.327E
00	0.0	26.8	28	7.23	-1.413E-02	-4.31 BE-02			-4.306E-01	.316E
300	0.0	26.8	10-31E3.5	7.21	_	-4.507E-02	4.5CSE 02		1.	.374E
205	0.0	36.16	5.512E-01	7.22	-1.466E-02	-4.540E-02			-4.465E-01	1.384E
200	0.0	5.92	9.935E-01	7.23	-1.454E-02	-4.435E-02			-4.432E-01	352E
301	0.0	34.5	9.933F-01	7.23	-1.4301-02	-4.392E-02			-4.360E-01	
200	0.0	26.8	29E-	7.24	-	-4.317E-02	504E		140	391E
001	0.0	26.8	9.918E-01	7.25	-		455E		-4.004E-01	303€
200	0.0	26.6	5.920E-01	7.24	-	-4.206E-02	3606		285	1.282E
00	0.0	24.5	-313	7.24	_	-4.107E-02	5 CO E		-125E-	1-252E
200	0.0	26.1	-38+	2	-1.348F-02	-4.033E-02			-4.108E-01	-229E
200	0.0	24.8	5.539F-01	7.22	1.387E	211	5 CB E		-4-228E-01	1.284E
008	0.0	24.7	305-	,	1 2766	334				
200										

EXPERIPENTAL CATA

			ENGL	ISH UNITS			PETRI	PETRIC UNITS	
BLN	CSCL.	TENSICA	LENGTE	LENGTH VELOCITY	ACC EL .	TENSIEN	LENGTH	VELOCITY	ACCEL.
3411	ANGLE	901		2277.23	237733713	4 8 8 0	•	Carreer	· · · · · · · · · · · · · · · · · · ·
316		29		11356	רוי זברי בני	1910	;	ררוזנר	רוואברואבר
8.000	26.1	10-3545-5	7.21	-	-4.565E-02	5136	\$ 159E 02	-4.177E-01	-1.351E 00
9.0	26.9	30	7.22	1.317E-0	-4.428E-02			-4.014E-01	-
0.0	26.1		7.22	-	-4.582E-02			-4.248E-01	1.3978
0.0	26.8	5.5 3CE-C1	7.23	316E-0	-4-145E-02	4.5046 02		-011E	1.26
3.0	26.5	9-9181-01	1.24	1.340E-0	-4.473E-02			-084E-	1.363E
0.0	54.5	10-3675-01	7.24	1.3418-0	221			-4.067E-01	. 28 7E
0.0	24.6	10-47:55 5	7.23	1.361E-C	-4.429E-02			4.147	.35CE
0.0	26.8	6.5376-01	7.23	:	•	. 5C BE		. 565	1.345
0.0	26.8	10-3165-5	1.24	-1.344E-02	-4.140E-02	.5056			
0.0	3€.€	10-3466-5	7.24	-1.276E-C2	-4.14CE-02			-3.890E-01	-1.262E 00
0.0	34.8	5.942E-01	1.24	-1.2736-02	-4.145E-02			-3.862E-01	
3.0	26.6	5.929F-61	7.24		-3.508E-02			-4.129E-01	
3.0	26.1		1.24	-1.342E-02	-4.283E-02			-4.090E-01	356
0.0	24.1	5.931F-01	1.24	-1.331E-02	-4.368E-02			-4.058E-01	3316
3.0	3€.€	5.528E-01	1.23	-1.3C8F-C2	-4.393E-02			-3.985E-01	335E
0.0	26.€	10-3445-5	12.7	-1.388E-02	-4.530E-02			-4.230E-01	
0.0	26.8	10-3865-5	7.22	-1.316E-02	-4.66 LE-02			-4.011E-01	1.421E
0.0	26.8	9.9365-01	7.23	-1.289E-02	-4.416E-02		2.204E 02	-3.930E-01	346E
0.0	3€.€		7.23	-1.283F-62	-4.431E-02			-3.511E-01	1.35 OE
0.0	36.6	5.538E-01	7.23	-1.388E-02	-4.291E-02	3696		-4.232E-01	
0.0	26.8	9.9336-01	1.23	-1.2CBF-C2	-4-145E-02	. 50 CE		-3.6836-01	-
0.0	26.€	10-3666.5	7.23	-1.250 E-02	-4.20 EE-02	. 5C BE		-3.811E-01	
0.0	34.8	5.536E-C1	7.23	-1.2836-62	-4.323E-02			-3.9106-01	
0.0	56.92	9.936E-01	7.23	-1.270E-02	-4.535E-02	\$ 5C7E		-3.872E-01	
0.0	26.8	5.931F-01	1.25	-1.3716-02	-4.170E-02	. 5CSE		-4.178E-01	
0.0	₹92	10-31E5.5	7.25	-1.283E-C2	-4.039E-02			-3.910E-01	-1-231E 00
3.0	26.8	5.531E-01	7.25	-1.3516-02	-3.593E-02			-4.1186-01	
0.0	3.97	5.535E-01	1.25	-1.3225-02	-3.865E-02			-4.C29E-01	
0.0	26.8	9.927E-01	1.24	-1,3186-02	-4.1334-02	03E		-4.017E-01	-1.260E 00
0.0	26.1	2.5401-01	1.24	-1.408 E-02	-4.157F-02			-4.293E-01	1.267E
0.0	5.07	3.92er-C1	62.5	-1.3748-02	-4.2051-02		2.203E 02	-4.187E-01	. 301E
			1 22	-1.3835-02	-4.302E-02	3136		10-3677	1.336
	3 7 5	20136-01	1.36	1 3035-02	-4-3016-02	4.26.56 62		10-31:10-01	1.364
	34.6		7.24	1 3605-02	-4.2516-02			10-376-01	3007
	36.6		7.24	1 3216-02	-4.2106-02	2005		10-36-01	3000
0.0	26.6	9-9155-01	7.25	-1.242F-02	-4-170F-02	4576	2.2116 02	10-305-01	1.2716 00
0.0	26.9		7.25	-1.289F-02	-4.243F-02	460F		-3. C28E-01	2026
0.0	26.6		7.24	-1.2976-02	-4-289E-02	300		3.043	1.307F
0.0	26.9	125	7.25	-1.2925-02	-	1000		-3.9376-01	366F
0.0	26.5	5.976F-01	7.24	-1.287F-02	-4.1916-02			-4.5.2.E-01	2776
0.0	26.9	5.524F-01	1.26	-1.290F-02	-3-88 5F-02	, 02F		-3.9316-01	1.1846
3.0	26.8	5.931F-01	1.25	-1.244F-02	-4-174F-02	5C5F		-1.8536-01	2775
0.0	26.5	5.5245-01	7.25	-1.320 E-02	-3.986E-02	501F		220	1.215
					I				
	3-4/		1.75	2615-02	- 1 030E-02	4 404F 02		1476-01	

EXPERIMENTAL DATA

				בייסר ויים				21.1.2		-
	868	CSCL.	TENSICA	LENGTE	VELOCITY	ACC EL.	TENSICK	LENGTH	VELCCITY	ACCEL.
	SEC	CEC	r BS	ī	FT/SEC	F1/SEC/SEC	GRAP	t	CP/SEC	CH/SEC/SEC
	0.0	26.6	5.5.3E-01	7.24	-1.3016-02	-4.2395-02	4.504E 02		-3.565E-01	-1.292E 00
	0.0	26.9	9.9395-01	1.23	1.371	-4.3CSE-02	. 5CBE	2.202E 02		-1.314E 00
	0.0	3.92	.53	7.23	-	-4.280E-02	3C 7E		-4.221E-01	3501
	0.0	26.5	5.	1.25	-1.238E-02	-4.249E-02			-3.774E-01	366
	0.0	3. 02	6.	7.24	•	-4.30CE-02	. 5C4E		-4.088E-01	311
	0.0	26.5	.92	7.23	.242	-4.188E-02	.5C1E		-3.7£7E-01	31.15
	0.0	26.5	9.91PF-C1	7.25	-1.244E-02	-4.171E-02	3664.	2.205E 02	-3.792E-01	311
	0.0	27.6		7.25	-1.2436-02	-4.017E-02			-3.789E-01	125E
	0.0	26.9	5.525e-01	7.24	-1.211E-02	-4.213E-02			-3.650E-01	.284E
	0.0	5.92	9.929E-01	7.23	-1.170E-C2	-4.145E-02	340		-3.567E-01	-1.2636 00
	0.0	56.5	5.919E-01	7.26	-1.186 E-02	-4.220E-02		2.213E 02	-3.614E-01	
	0.0	56.5		1.26	-8.563E-03	-744E-			-2.732E-01	
_	001-0	26.5	7.680E-01	7.26	1.5C8E-01	. 834E			5.815E 00	.169€
	0.200	3.92	8.8635-01	7.31	5.431E-01	.256E				.925E
	0.300	26.8	5.52 1E-01	7.28	8.C92E-01		3618		2.467E 01	.177E
001.4	0.400	26.7	7.791E-01		1.055E 00	. 684E	. 534E		3.215E 01	.182E
	005-3	26.6		1.58	298		1326	2.312E 02		174E
	0.000	26.1		7.12	1.543E 00	.641E	3078		10 360.4	-0496
	000	26.5	8.577E-01	06.7	1.7695 00	1.905E 00	8506	2.4(7E 02	5.352E 01	5.819E 01
		26.95	200	0 20	3760	20-30001	0326		10 2010-0	107
4	1.000	26.6	- 4	8-44	1.833F 00	-1.156F-02				
-	1.100	27.6		8.64	833F	-3.540E-02	2836			-1.075E 00
	1.200	26.5	_	8.61	.833E	-3.363E-02				-1.025E 00
	1.300	27.6	5	8.99		-2.349E-02	2586			-7.16CE-01
	1.400	27.6		9.18		-4.50 9E-02		-		-1.374E 00
	1.500	27.6		9.35	ш	-2.680E-02				-8.1686-01
1	1.600	27.0	5.581E-01	9.54	834	-3.112E-02	346E	2.9CEE 02	5.550E 01	-9.487E-01
-	000	3.12		7.00	. 235E	-3.151E-02	4.3245 02			1601
	0000	5.45		10.02	1.8336 00	-2-406E-02		3. CARE 02		3366
	2.000	26.95		10.20	834E	-3.126E-02				9.527E
0	2.100	26.5		10.37	833E	-4.318E-02			5.50EE 01	.316E
306	2.200	26.5	4	10.53		-4.135E-02		3.20SE 02		-1.260E 00
000	2.300	5.92	34	10.71		-3.614E-02		-		.102E
001	2.400	26.5	. 2	10.90	833E	3.384		3.324E 02	5.5676 01	1.031E
6.200	2.500	59.9	=	11.08			-162E	-		196
	2.500	26.5		11.25	1.833E 00	-4.004E-02		22		3022-
	2000	37.0		71.44	25.60	20-346-6-	4 1436 02	1010	10 3686 6	
-	2.900	27.6	6.340F-01	79	1.8346 00	-2.1716-02	4.2776 02	3. 56 3F 02	5.567F 01	-1.028E 00
	3.000	27.6		11.57	834F	-2.147E-02	.2516	647E		-6.544E-01
_	3.100	27.6	Ξ	12.14	834E	-3.82 8E-02	.132E	701E	5.589E 01	1676
006-9	3.200	27.6	.2.			-2.725E-02		15EE	5.589E 01	305E
_	3.300	27.6		12.49	1.833€ 00	-3.770E-02	4.240E 02	3.8C7E 02	5.5878 01	-1.149E 00

EXPERIMENTAL CATA

.1353	TENSICK	LENGTH	GTF VELOCITY	ACCEL.	TENSICK	LENGTH VELO	VELOCITY	ACCEL.
	28	14	FIVEEC	397 3957 13	4486	:	78747	CHYSECISEC
								-
	\$ - 331F-01	12.67	1.833E 00	1	4.2338 02	3.9226 02	3	-9.4416-01
	360	13.62	. 832E	·			.585E	1.1426
	5.249E-01	07.61	.832 E	-2.550E-02		. C23E	- 554E	7.173E-
	10-306.6	13.55	8335	-4.442E-02		4.0175 02	3000	٠.
	7.365	13.36	1763.	20-30-00	200		36000	1007-1
	מים בי	13.13	3750	7 (4.151E 02	3600	3000
	200000	13.53	9000	•	70 3677		2000	3700
		11.41	3760	4 (3067.		2020	10011
	- 6	87.41	8335	-3.381E-02			10 3386 C	031E
	9 1	14.41				3604	3/00	
	0 0	****	8 36 E	., ,				-1.141E 00
	1	14.61			4.2231 02	4.512E 02	2.2626 01	10-32856-
	-511	14.58		-2. 104E-02				-8.242E-01
	376-	12.17	8336	-2.230E-02			5.5E7E 01	-9.8456-01
	26	15.35	.833E	-3.339E-02				-1.0186 00
	12E	15.51		-3.501E-02	1			-1.067E 00
	5. 334F-01	15.69	u	-3.563F-02				-1.086E 00
	89	15.67		-3.197E-02	1		585E	-9.745E-01
	5.1585-01	16.04		-2.578E-02			3646	-9.077E-01
	5.2435-01	16.20		-3.258E-02			5.584E 01	-9.9306-01
	816	16.37		-4.215E-02		4. 950E 02	5.586E 01	-1.285E 00
	045	10.57		-4.0b3E-02	1		-	
	10-3775-6	10.13	3768			5.039E 02		
	9.3005-01	10.41	1 9326 00	-3.413E-02	4.2405 02	5. 204E 02	10 3496.6	7 26.36.00
	706-	17.27				5.263E 02	587E	
	S.3CAF-01	17.43	8326	, "		6.313F 02		346
	5.2475-01	17.62		1		5.172F 02	3666	1836
	3.1345-01	17.80	832E	141		5-425E 02	505E	1-062E
	~	17.99		-3.320E-02		5.464E 02		-1.012E 00
		18.16	832E	-2.997E-02		5.535E 02		-9.136E-01
		18.33	833E	-2.64 IE-02		5. 58 EE 02	.587E	-6.050F-01
	5.243E-01	18.51		-3.467E-02				-1.057E 00
	5.2716-61	18.68	1.832E 00	-3.624E-02			_	-1-105E 00
	9.346E-01	18.81		. 500		151E		-1.372E 00
	5.3 AUE - 01	19.02		-3.576E-02		14 1E	_	-1.090E DO
	5.2695-01	19.20		-2.8226-02		5.052E 02	5.584E 01	-8.601F-01
	9.1908-01	19.35				5. 509E 02	-	-1.028E 00
	9.287E-01	19.56		-2.1786-02	4.212E 02	5.543E 02	5.585E 01	-8.468E-01
	-35 5	19.14		-4.509E-02		6.017£ 02	.585E	-1.374E 00
	165-	19.93		-4.035E-02		6.073E 02	.582€	-1.231£ 00
	145-	20.11		-3.1576-02			. 584E	-9.623E-01
	-503	20.28		-2.296E-02			5836	-6.99EF-01
	5.336E-01	20.46	832E	-3.115E-02	4.235E 02	6.234E 02	.585E	-9.494E-01
	5.3776-01	\$0.65	1.8338 00	-3.432E-02	4.2536 02		5.587E 01	-1.046E 00

EXPERIMENTAL CATA

FT
21.01
51.15
21.35
21.35
21.88
22.04
22.23
22.39
22.58
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25.95
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EXPERIMENTAL CATA

DR.	PUN.	USCL.	TENS ION	LENGTH	GTH VELUCITY	ACCEL.	TENSICA	LENGTH	VELOCITY	ACCEL.
SEC	SEC	DEG	1.85	F1	F1/SEC	F1/SEC/SEC	GFAP	5	CN/SEC	CN/SEC/SEC
334	12.700	27.5	5.2295-	29.13	31	-3.401E-02	.1666	8. FECE C2	5.5EGE 01	-
26.500	12.600	21.6	5.2416-61	25.31		2.533	4.1926 02	8.9356 02		-7.725-0
00000	000.21	2.7.	10-3612-01	85.67	1.831F 00	1.69.7	36.11		-	1000000
26.800	13-100	27.6	9.262F-01	29.62	PAZE	-2.8116-02			5.583F 01	- 2476
26.900	13.200	26.6	S-263F-01	29.99	375	435		- 117		
000	13.300	26.5	5.242E-01	30.16	8316	637			5816	
27.100	13.400	27.6	9-1796-01	30.31	€30E	-3.741E-02				-
200	13.500	27.0	1	30.49	830E	-3.054E-02		355	5.575E 01	-9.3106-0
27.300	13.600	1.73	5.1285-01	30.65		-3.178E-02		36		-1.1516 0
004	13.700	27.6		30.85	ш	-2.842E-02	157E	343		-8.4631-01
27.500	13.800	27.6	1	31.05		-3.031E-02			5.5816 01	-9.2396-01
27 700	13.900	32.		31.66	9336	-2.979E-02		T	3016	
200	000.41	27.6	3.66-01	21.40	3769	70-3716-7-	4.183E 02		3796	
000	14.200	21.6		31.76	A32E	20-36-77-6-02	1901	-		796701
200	14.300	27.1	1	31.95		-2.580F-02	2016		1	
100	14.400	27.1	-	32.13	-	-2.697E-02	.187E	9.7536 02	582E	-8.220E-01
200	14.500	27.0	9.2055-01	32.31	ш	-1.7536-02	. 175E	100	-	-5.3436-0
306	14.600	27.1	Ī	32.50		-3.5266-02			398E	-1.075E D
400	14.700	27.1	1	32.66	w	-3.9616-02	_	5	5.581E 01	-1.207E O
28.500	14.800	27.0	1	32.83		-3.372E-02		7		-1-0286 00
200	005-51	2007	5.2Let -01	33.00	8300	-3.738E-02	1116	1.00cE 03	10 3976. C	-1.1396 0
	15.100	34.6	9-222E-01	11.65	1.8316 00	-1.0705-02	4.183E UZ		20766 01	-3.000
000	15.200	27.5	1	33.54		-2.9806-02	1446	0226		- 9-084E-0
29.000	15.300	27.6	1	23.71	E31E		1716	028E	5.5826 01	ŧ
25.100	15.400	27.6	-	23.91	831E	-3.5186-02		C33E	SAIE	-1.072E. D
29.200	15.500	1.13		34.68		-2.9176-02		3660	5.583E 01	-0-92E-0
29.300	15.600	27.1	1	34.25		-3.478E-02	-	1.0446 03	318g	-1.060E OC
25.400	15.700	27.1	1	34.45		-2.804£-02	• 168E	1.0456 03	5.582E 01	
29.500	008-41	21.12		24.60		-2.58 7E-02	1586		580E	
000 .47	006-51	3.1.2	1	34.19	9316	-2.535E-02	1875	2000		1.70
29.800	16.100	27.0	9.2635-01	35.12	1.831F CO	-1.5545-02	4.207F 02	1.0716 03	5.587E 01	-1 -20KE DO
29.900	16.200	27.0		35.30	832F	-2.605F-02	1816	2766		
30.000	16.300	27.6		35.46	831E	-3.609E-02	.172E			-
30.100	16.400	26.5		35.64	w	-2.155E-02	3891.	1.77	578E	-4.9456-0
30.200	16.500	26.5	9.218E-01	35.79		-2.043E-02			A 2000	-6.226E-0
30.300	16.600	54.5	5.258E-01	35.56		-3.763E-02	3661.	1.094E 03	118E	-1.1476 0
000	16.700	59.92	9.232E-01	36.14		-3.301E-02		2		-1.0066
30.500	16.800	26.5	5.1e7E-01	36 - 33		-3.607E-02	.1676	1.1676 03	5.580E 01	-1.09%
900	16.500	26.5	5.217E-01	26.50		.631	3181	1.1136 03	5.579E 01	-1.0215-0
30.700	000.11	5007	5.440E-01	36.10		. 155		1.1156 03	5.579E 01	-2.736
					-					

EXPERIMENTAL DATA

SEC.	NO.	1.501.	IENSTON.	LENGIH	VELOCITY	ACCEL.	LENGICA	- PACT	VELOCITY	ACCEL
SEC		ANCLE								
200	SEC	990	1.85	11	FT/SEC	FT/SEC/SEC	CR 2P	ð	CP/SEC	CM/SEC/SEC
0000	17,300	27.0	9.2386-01	37.22	1.831E 00		4.19CF G2	1.135E 03	5.579€ 01	-9.538E-01
31.100	17.400	21.6	5.225E-01	37.41	1.832E 00	-2.398E-02		1.140E 02	5.584E 01	-7.308E-01
31.200	17.500	26.5		37.66	1.E31E CO	-3.197E-02	4.144E 02	1.1466 03	_	-9.745E-01
31.300	17.600	27.6	-3(37.80	1.830 00	.58	4.165E 02	1.1526 (2		-1.092E 00
31.400	17.700	27.6	1	37.56		-3.3351-02	4.421E 02	1,1576 02	5.580E 01	-1.017E 00
31.500	17.800	27.6	9.3035-01	38.17	1.830E CO	-4.137E-02	4.220E 02	1.1636 03	-	-1.261E 00
31.666	17.530	27.6	5.2645-01	38.32	1.829 6 00	-2.419E-02	4.2CZE 02	1.16EE 03	-	-7.375E-01
31.700	18.000	26.5	5.251E-C1	28.45	1.630E 00	1.1236-02	4.196E 02	1,1736 03	5.578E 01	3.4235-01
31.800	18.100	27.6	5.180E-01	38.66	1.831E 00	-4.755E-02		1.1786 03	5.582E 01	-1.449E 00
31.900	18.200	26.5	5.C28E-01	38.83	1.8316 00	-3.443E-02	4.CSSE 02	1.1646 62	5.582E 01	-1.04SE 00
32.000	18.300	24.5	•	39.00	1.8316 00	-4.806E-02		1.189E 03	5.579E 01	-1.465E 00
32.100	18.400	27.6		39.19	1.831E 00	-2.7ESE-02	4.1C4E 02	1.195E 03	5.5EUE 01	-8.490E-01
32.200	18.500	26.5	60	39.29	1.831F 00	-2.187E-02	4.209E 02	1.197E 03	5.581E 01	-6.665E-01
32.300	18.600	27.0		39.38	1.8316 00	-3.43EE-02		1.200E 03	5.581E 01	-1.1098 00
32.460	19.700	27.6		39.55	1.831E 00	-2.711E-02		1.2CEE 03	5.580E 01	-8.264E-01
32.500	18.600	27.1	5.177E-01	29.15	1.6316 00			1.211E 03	5.582E 01	-1.059E O
32.600	18.900	27.1	9.198E-01	39.61	1.831F 00	-2.932E-02		1.216E 03		-8.937F-01
32.700	19.000	27.6	5.186E-01	40.09	1.831 € 00	-2.416E-02	4.167E C2	1.222E 03	5.582E 01	-7.363E-01
32.800	19.100	27.6		40.26	1.830E 00	-3.881E-02		1.2276 03		-1.183E OC
32.900	19.200	27.1	10	40.46	1.831E 00	-2.274E-02		1.233€ 03	_	-6.931E-01
33.000	15.300	56.5	5.011F-01	40.62	1.8316 00	0		1.2366 03	5.581E 01	-1.2126 00
33-100	19.400	26.5	5.174E-01	40.81	1.831E 00	-2.370E-02	4.1618 02	1.244E 03	5.5796 01	-7.2236-01
33.200	15.500	27.5	5.249E-01	40.08	1.831E 00	-1.5586-02		1.2456 (3	5.581E 01	-4.871F-01
33.300	19.600	26.5	220	41.14	1.830E 00			1.254E 03		-1.212E 00
33.400	19.700	5.97	9.153E-01	41.32	1.831E 00	-2.537E-02		1.2598 03	2.5816 01	-7.733F-01
33.500	15.800	26.5	-	55.15	1.831 00	-4.8635-02		1.2646 03	3.581E 01	-1.482E 00
33.600	19.400	3-17		41.66	1.830E CO	-2.685E-02		1.2708 03	_	-8.183E-0
33.700	000.02	0017	. 34	41.64	1.831E 00	V		1.2736 03	3.54ZE 01	-1.895E-01
33.800	20.100	21.6	5.253E-01	42.02	1.830E 00	-3.1956-02	4.4156 02	1. 2816 03	5.577E 01	-9. 730E-0
33.900	20.200	7017	3	07.76	1.831E 00	-1.6256-02		1.28cE 03	10 308C C	100
34.000	20.300	11.17	8-5446-01	42.38	1.83ZE 00	-3.475E-02	4-0576 02	1.252E 03	3.5836 01	-1.0596 00
34. 200	20.400	27.1	10-11-01	42.70	1.6315 00	20-36-02		10036 63	10 3786.6	0-362-8-
34.200	20.500	23.	10-175E-01	46.13	1.831E CC	-3.130E-02		1.3026 03	10 3186.6	-1
34.40	200000	33.1	10-3662-6	26.26	1.6275 50	-3.3005-02	4.4.10E 04	1.31.6	20026 01	-1.0836 0
34.500	20.00	27.1	9 1675-01	43.55	1 9325 00	1 46 46 -02		1 3105 03	10 2020	
34.406	20.00	27.6	C 70E-01	42.45	0316	20.2000		1 3346 03	20026 01	10 212101
34.700	21.000	27.1		43.63	1.8316 00	-2 429E-02		1 3206 03	10 373666	1
34.800	21.100	27.6		43.81	1.9316 00	-3.450E-02		1 3366 03	20000	2000
34.900	21.200	27.6	S.171F-01	43.68	1.8305 00	-3.0416-02	4.1606 02	1. 3406 03	5. 476E 01	3486-0
15.000	21.300	26.5	-	44.15	1.829F CO	-6.0876-02		1. 1446 03		1.2446 00
35.100	21-400	27.6	9.181F-01	44.79	1.829F 00	-2.7666-02		1. 1506	5.5756 01	F
15.200	21.400	26.6	-	44.47	1.829F CO			1.3546 03		-7-984F-0
35.300	21.600	27.6	9-14RF-01	44.47	1. P30F 00			1. 36.26 03		
35.400	21.700	27.0		76. 97	1.8306 00	35.2	4 16 36 02	1 3676 03	S. 5796 01	
35 500	21.000		1335-01	76.03	00 3160	20-326-02	1436 02	יייייייייייייייייייייייייייייייייייייי	10 3616.6	200101

EXPERIMENTAL CATA

27.0 27.0 27.1				ALLEL	IENSIEN			ACCEL.
974-	LAS	ı	FT/SEC	FT/SEC/SEC	CRAP	5	CP/SEC	CM/SEC/SEC
	9.2450-01	45.20	. 6328	-2.234E-02		1.378E 03	582E	-6.810E-01
٠٠٠	5.3445-01	45.39	.830€	•		83E		327E
	5.325E-01	45.57	.830E	3.718	-230E	3886	577E	-1-1336 00
	9.3165-01	45.14	830		4.225E 02	1.394E 03	5.5778 01	10-3006-8-
	1020000	45.73	2670		31670	2000	3016	00 346701
27.0	9-36-56	46.29	8326	-2 7366-03	3177		3116	10-3366-0-
27.1	E . 575E - C1	46.46	E30E	-2.633E-02		166	5.578E 01	-8.024E-01
27.1	9.012E-01	46.64	.6316	-2.126E-02	. C 88E	22E	5.582E 01	-6.481E-01
21.6	5.1C4E-01	46.81	829E	-4.892E-02	125E	27E		-1.491E 00
27.6	5.1465-01	85.94	828	-2.504E-02	1486	328	573E	-7.633€-01
27.6		47.15		-2.518E-02			35E	-7.674E-01
27.6	5.16 SE-01	47.30		-2.498E-02	.157E	1.4426 03	5.573E 01	-7.615F-01
27.6	9.1345-01	47.50		-1.402E-02		1.4486 03	5.577E 01	-4.273E-01
21.6		47.69		-4.564E-02	. 115E			-1.391E 00
27.1	116	47.67	830E	-3.209E-02	156		5.5716 01	-9.782E-01
27.0		48.03		-3.740E-02			386	-1.140E 00
27.1	5.202E-01	48.22		-2.413E-02	.1746			356E-
27.1	5.222E-01	48.39		-2.150E-02			3616	6.555
11.77	10-140-01	48.30	3672	-4.203E-02	4. I4ce 02		6	1102-1
27.1	5.041F-01	48.94		-3.630E-02		1.492F 03	5.57AF 01	-1-0746 00
27.0	5.049E-01	49.10		-2.077E-02		36	5.576E 01	129E-
27.6	9.167E-01	49.56		-1.654E-02		910		414
27.0	9.256E-01	49.41		-4.317E-02		393		3911
27.0	5.324E-01	49.59		-2.4166-02		1.5126 03		163F
27.6	5.1625-01	49.11		-3.752E-02		176	5.574E 01	-1.146 00
27.6	9.0505-01	25.65		-2.916E-02			5.570E 01	110
27.6	5.030E-01	20.10		-2.027E-01	4.056E 02	517E	5.566E 01	1786
27.1	-	50.33	689E	-2.943E 00		534E	5.149E 01	9716
21.5	35	20.30	355E	-3.737F 00		5	-	1396
1.17	2	20.00	1.032E 00	-3.0495 00		3000		1.1126
27.1	1 2405 00	50.76	-3.0016-02	00 344 6-01	5.6326.02	1 5465 03	10 3/87-1	70 3140-7-
27.1	3 BE	50.73		2.223F-01		0 3775	3.2526-	3746
27.6	146-	\$6.75	-6.359E-03	-6.390E-02	3.958E 02		J	406
27.6	- 30°	50.79		-4.273E-02		54 BE	-2.220E-01	3026
27.6	12F-	50.82	-6.690E-03			345E	-2.039E-01	3691
27.6	-36c	50.17	-7.143E-03	-3.789E-02		176	-2.177E-01	-1.155£ 00
27.6	1.083E 00	80.78	•	-3.456E-02	Ulber.		-2.378E-01	-1.1146 00
27.6	. BE	\$0.76	-7.759E-03	-3.591E-02	.116E	1.547E 03	-2.365E-01	-1.095E 00
27.0	35°	90.76	-6.1116-03	-3.123E-02	. 925E		-2.472E-01	-1.135£ 00
27.6	- 3.E	50.76	629	-3.669E-02	305		-2.324E-01	
27.5	9	50-73	7.575	2		2	-2.3096-01	-1.210E 00
50.92	8.6615-01	50.73	-8.144E-03	-3.796E-02		1.546E 03	-2.482E-01	-1.157E 00

EXPERIMENTAL CATA

EXPERIMENTAL CATA VARIABLE LENGTH CARLE SYSTEPS DYNAMICS

RCDR	RLA	.1080	TENSICN	LENGTH VELCCT	VELCCITY	ACC EL.	TENSICN	LENGTE	VELOCITY	ACCEL.
SEC	SEC	PEG	LPS	FT	FT/SEC	F1/SEC/SEC	GRAP	ð	CP/SEC	CH/SEC/SEC
.0.700	0.0	27.5	1.C31E 0C	56.75	-8.277E-C3	-3.872E-02	4.675E 02	1.5478 03	-2.523E-01	-1.18CE 0
40.300	0.0	27.0			-7.919F-03	-3.813E-02		1.547E 03	-2.414E-01	
204.04	0.0	27.6		50.75	200	-3.646E-02	1601		-2.459E-01	-1.111E 00
005.00	0.0	27.1	35E	50.76	-7.39RE-03	-3.142E-02	150	1.5478 03	-2.255E-01	-1.141E OC
209.34	0.0	27.1	51E	50.76	-7.164F-03	-3.727E-02	4.105E C2	1.547E C3	-2.183£-01	-1.136E 00
10.700	0.0	27.1	5.005E-01	50.17	-7.744E-03	-3.425E-02	-73	1.547E 02	-2.360E-01	94 4E
10.800	0.0	27.1	-199	50.17	-7.099E-03	-3.563E-02	4.254E C2		-2.164E-01	386E
906-34	0.0	27.1	990	50.78	-7.395E-03	-3.500E-02		1.54EE 03	-2.2546-01	
000-15	0.0	3.75	1.035F 0C	50.78	-8.315E-C3	-3.509E-02		548E	-2.5346-01	.06 SE
11.100	0.0	27.0		50.17	-8.318E-03	-3.580E-02		548E	-2.535E-01	-
41.200	0.0	27.1	-> 45	50.76	-8.028E-03	-3.487E-02	4.375E C2	1.547E 03	-2.447E-01	
41.300	3.0	27.5	5.274E-01	50.16	-7.856E-03	-3.58 7E-02	175	03	-2.3956-01	093E
11.400	3.0	27.6	395-	50.76	-7.812E-03	-3.638E-02		547E 03	-2.381E-01	
11.500	0.0	27.6	5.562E-01	50.74	-7.546E-03	-3.810E-02		547E 03	-2.3CCE-01	
11.600	0.0	5.92	9.950F-01	50.74	-8.336E-03	-3.888E-02	4.513E 02	03	-2.5416-01	-1.185E 0
11.700	0.0	27.5	1.014E 00	50.75	-7.202E-03	-3.826E-02		03	-2.155E-01	
41.800	0.0	27.6	5.999E-01	50.15		-3.604E-02		547E 03	-2.4136-01	
11.900	0.0	27.0		50.17	-7.309E-03	-3.503E-02		03	-2.228E-01	
45.000	0.0	27.1	5.413E-01	50.76	-7.211E-03	-3.6436-02		03	-2.158E-01	-1.11CE 0
2.100	0.0	27.1	5.402E-01	50.76		-3.452E-02		347E	-2 .090E-01	
15.200	0.0	27.6	5.621E-01	50.76		-3.711E-02			-2.236E-01	
2.300	0.0	27.1	5.864E-01	50.11	-7.528E-03	-3.505E-02			-2.294E-01	38 90
2.400	0.0	27.1	9.9856-61	50.76	-7.211E-03	-3.8415-02		347E	-2.1986-01	
12.500	0.0	27.1	5.862E-01	50.78	-7.522E-03	-3.474E-02		34 EE	-2.414E-01	
2.60€	0.0	27.6	5.65EE-01	50.76	-7.318E-03	-3.287E-02		3145	-2.23CE-01	002E
2.700	0.0	27.1	9.457E-01	50.17	-7.344E-03	-3.293E-02		SABE	-2.2396-01	-
42.800	0.0	27.6	5.508F-01	50.11	-7.445E-03	-3.311E-02		3466	-2.269E-01	-1.009E
2.900	0.0	27.6		50.15	-7.525E-03	-3.568E-02		547E	-2.294E-01	
13.000	0.0	27.0	5.837E-01	50.77	-7.821E-03	-3.501E-02			-2.384E-01	
13.100	0.0	27.6	5.900E-01	50.74	-8.111E-03	-3.539E-02		1.547E 03	-2.472E-01	-1.079E 0
13.200	0.0	26.5		50.75	-7.779E-03	-3.518F-02		1.547£ 03	-2.3716-01	
43.300	0.0	27.6	5.648E-01	50.75	-7.510 E-03	-3.425E-02	4.376E C2	34 JE	-2.289E-01	-1.04SE 0
43.400	0.0	27.6		50.15	-7.107E-03	-3.727E-02			-2.166E-01	
13.500	0.0	27.0	9.581E-01	50.15	-7.057E-C3	-3.484E-02		31 45	-2.151E-01	
3.600	0.0	27.1	10-3559-5	50.76	-7.104 E-03	-3.68 BE-02		34 7E	-2.165E-01	
43.700	0.0	27.6	5.8C4E-C1	50.17	-7.149E-C3				-2-1796-01	-1.08CE 0
13.800	0.0	27.1	9.834E-01	50.76	-7.137E-03	-3.414E-02	4.461E 02		-2-175E-01	-1.0416 0
3.900 /	0.0	27.1	5. 1585-01	50.76	-7.232E-03	-3.375E-02			-2.2C4F-01	

EXPERIMENTAL DATA

CATA FARAPETERS	10 . 79	NREC . 43	NCHN . 6	MERC - 6000	KV . 4.830E-01	KA . 1.536E 00	,	
DSCILL ATOR PARAMETERS	MCCE STATIC	AMPLITUDE, INCH 0.0	FREQUENCY, PZ 0.0					
MINCH FARZHETERS	CABLE MATERIAL NYLCN	CIRECTION REEL-IN	ACCELERATION, FFS2 3.00	\ELUC117, FPS 2.00	CECELERATION, FPS2 0.0	ALA TIPE, SEC 43.00	INITIAL LENGTH, FT 55.00	FINAL LENGTH. FT 5.90
TEST NC. 18								

1.40 1.40	CSCL. TENSION LENGTH VELCCITY ANGLE CEC LBS FT FT/SEC
-4.745E-02	5.637E-01 57.42
-4.575E-02	26.1 9.8316-01 57.41 -1.
-4.779E-02	5.838E-01 57.40
-4.546E-02	9.834E-01 57.42
	5.8276-01 57.37
-4.523E-02	5.8656-01
-4.224E-02	10-3461-2
-4.393E-02	5.7896-01
-4.158E-D2	5.8C7E-01 57.32
-4.530E-02	9.7916-01
-4.406E-02	5.8056-01
-4.475E-02	9.7576-01 57.32
-4.569E-02	9.8136-01 57.31
-4.575-02	5.8C1E-C1 57.28
-4.607E-02	9.8096-01 57.30
-4.404E-02	5.8C7E-01 57.31
-4.355E-02	9.156E-01 57.3C
-4.233E-02	9.7936-01 57.31
-4.358E-02	6.8646-01
-4.423E-02	5.7916-01
-4.456E-02	5.780E-01
-4.3276-02	9.7956-01
-4.334E-02	9.7856-01
-4.291E-02 4.44f 02 1.748f 03 -4.529E-01 -4.044E-02 4.44f 02 1.748f 03 -4.425E-01 -4.491E-02 4.44f 02 1.747f 03 -4.425E-01 -4.592E-02 4.44f 02 1.747f 03 -4.552E-01 -4.666E-02 4.44f 02 1.747f 03 -4.504E-01 -4.322E-02 4.45f 02 1.747f 03 -4.59fE-01 -4.371E-02 4.47f 02 1.747f 03 -4.39fE-01 -4.391E-02 4.43f 02 1.747f 03 -4.39fE-01 -4.391E-02 4.43f 02 1.747f 03 -4.39fE-01	9.7886-01
-4.044E-02 4.447E 02 1.748E 03 -4.389E-01 -4.213E-02 4.443E 02 1.747E 03 -4.45E-01 -4.292E-02 4.446E 02 1.747E 03 -4.55E-01 -4.666E-02 4.49E 02 1.747E 03 -4.519E-01 -4.326E-02 4.49E 02 1.747E 03 -4.519E-01 -4.326E-02 4.445E 02 1.747E 03 -4.498E-01 -4.326E-02 4.445E 02 1.747E 03 -4.496E-01	6.7576-01
-4.213E-02 4.443E 02 1.747E 03 -4.425E-01 -4.491E-02 4.449E 02 1.747E 03 -4.552E-01 -4.292E-02 4.449E 02 1.747E 03 -4.504E-01 -4.665E-02 4.449E 02 1.747E 03 -4.519E-01 -4.322E-02 4.449E 02 1.747E 03 -4.498E-01 -4.322E-02 4.447E 02 1.747E 03 -4.464E-01 -4.371E-02 4.447E 02 1.747E 03 -4.464E-01	9.8036-01
-4.491E-02 4.449E 02 1.747E 03 -4.552E-01 -4.292E-02 4.446E 02 1.747E 03 -4.504E-01 -4.665E-02 4.449E 02 1.747E 03 -4.498E-01 -4.322E-02 4.447E 02 1.747E 03 -4.498E-01 -4.471E-02 4.447E 02 1.747E 03 -4.494E-01 -4.391E-02 4.45E 02 1.747E 03 -4.496E-01	5.756E-01 57.33
-4.292E-02 4.44E 02 1.747E 03 -4.504E-01 -4.665E-02 4.49E 02 1.747E 03 -4.99E-01 -4.322E-02 4.447E 02 1.747E 03 -4.99E-01 -4.371E-02 4.447E 02 1.747E 03 -4.904E-01 -4.391E-02 4.435E 02 1.747E 03 -4.430E-01	9.8C8E-01 57.32
-4.665E-02 4.451E 02 1.747E 03 -4.519E-01 -4.666E-02 4.449E 02 1.747E 03 -4.498E-01 -4.322E-02 4.443E 02 1.747E 03 -4.318E-01 -4.471E-02 4.447E 02 1.747E 03 -4.464E-01 -4.351E-02 4.435E 02 1.747E 03 -4.430E-01	9.802F-01 57.31
-4.666E-02 4.449E 02 1.747E 03 -4.498E-01 - 4.322E-02 4.442E 02 1.747E 03 -4.318E-014.471E-02 4.447E 02 1.747E 03 -4.464E-014.391E-02 4.435E 02 1.747E 03 -4.430E-01 -	5.812F-01 57.30
-4.3226-02 4.442E 02 1.147E C3 -4.318E-014.471E-02 4.447E 02 1.747E 03 -4.464E-014.351E-02 4.435E 02 1.747E 03 -4.430E-01 -	9.8086-01 57.31
-4.471E-02 4.447E 02 1.747E 03 -4.464E-01 -	9.794E-01
-4.391E-02 4.435E 02 1.747E 03 -4.430E-01 -	5.8C4E-01
	9.7875-01

EXPERIMENTAL CATA

									***************************************	ACCE
RCDP	RUN	CSCL.	TENS ICN	LENGTH	VEL OCTIV	ACCEL.	ENSICA	LENGIA	AFFICIAL	WELLE.
SEC	SEC	CEG	S #1	FT	FT/SEC	F1/SEC/SEC	4783	8	CM/SEC	CM/SEC/SEC
3.466	0.0	26.€	-	57.32	-1.397 E-02	-4.423E-02	4.442E 02		-4.257E-01	-1.348E 00
3.500	0.0	26.1	7	57.33	-1.398E-02		3044.	1.7476 03	-4.261E-01	-1.269E 00
3.600	0.0	26.1	9.752F-01	57.32	-1.4136-02	-4.347E-02	4.442E 02	1.7476 03	-4.368E-01	-1.325E 00
3.700	0.0	24.1	5.790F-01	57.32	-	-4.364E-02			-4.227E-01	-1.33CE 00
3.300	0.0	26.1	-	57.34	-1.369E-02	-4.306E-02	4.4406 02		-4.174E-01	-1.312E 00
3.900	0.0	24.8	-	57.34	-1.389E-02	-4.036E-02	4.438E 02		-4.233E-01	-1.2306 00
4.000	0.0	26.1	-	57.34	-1.406E-02	1	1		-4.2ESE-01	-1.282E 00
4.100	0.0	26.8		. 57.35		4-			-4.289E-01	-1.292E 00
4.20C	0.0	26.7	-	57.34	-1.386 E-02	•			-4.224E-01	3156
4.300	0.0	26.1	-	57.32	-1.396E-02	•			-4.254E-01	28 7E
4.400	0.0	26.1	9.803E-01	57.32	-1.467E-02	1		1.747E 03	-4.472E-01	-1.345E 00
4.500	0.0	26.1		57.32		-			-4.207E-01	362E
4.600	0.0	26.1		57.31	-1.462E-02	-4.261E-02		1.7476 03	-4.457E-01	-1.2996 00
4.700	0.0	26.1	9.791E-01	57.32	-1.441E-02	•			-4.393E-01	-1.3176 00
4.800	0.0	26.1	5.801E-01	57.32	-1.384 E-02	ì			-4-220E-01	
4.900	0.0	26.1	-	57.33	-1.376E-C2	4-	-	100	-4.195E-01	-1.322E 00
5.000	0.0	26.6	10-1961-5	57.34	-1.377E-02	•			-4-156E-01	-1.263E 00
5.100	0.0	26.1	-	57.34	-1.351E-02	1			-4-117E-01	
5.200	0.0	26.8	.79	57.33	-1.379E-02	4-	15		-4.204E-01	
5.300	0.0	26.1	-	57.33	-1.353E-02	-4.254E-02			-4-123E-01	-1.297E 00
2.400	0.0	26.6	.76	57.34	-1.396E-C2	*			-4.254E-01	53
5-500	0.0	. 26.E.	-	57.35	-1.357E-02	1			4.137E-01	
2.600	0.0	26.1	-	57.35	-1.383E-02	•			-4.216E-01	
2.700	0.0	26.8	-	57.34	-1.368E-02	-3	_		-4-170E-01	
5.800	0.0	26.6	5.785E-01	57.34	-1.353E-02		4.438E 02	1.1466 03	-4-123E-01	-1.2866 00
2.900	0.0	26.1	-	57.33	-1.4275-02	i			-4-348E-01	
9.000	0.0	26.8	9.753E-01	57.32	-1.441E-02	•			-4-391E-01	
001.9	0.0	7.97	-	51.32	-1.454 E-02	*		1.747E 03	-4-431E-01	338E
007-9	0.0	76.1	-	57.21	-1.437E-02	•		1.7476 03	-4.379E-01	
0000	0.0	1.07	10-3661-6	51.32	-1.375E-02	•		1.747E 03	-4.192E-01	1296-1
004-9	0.0	26.8	-	57.32	-1.371E-02	i		1.1476 03	-4-177E-01	1.365E
005-9	0.0	20.6	-757	57.32	-1.373E-C2	•		1.7476 03	-4.184E-01	1.3026
0000	0.0	1007	18/	51.33	-1.395E-02	•		1.7476 03	-4-231E-01	1.2726
6.700	0.0	26.6	51.	57.34	-1.3546-02	i	4.442E 02	1.748E 03	-4-126E-01	
008-9	0.0	2002	184	57.33	-1.341E-02	*		1.7476 03	-4.087E-01	1.3176
9. 900	0.0	26.8		57.34	-1.335 E-02	4-		1. 14EE 03	-4.070E-01	1.3166
2000	0.0	26.8	-	57.35	-1.357E-02	4		1.7486 03	-4.135E-01	1.269E
7.100	0.0	26.8	9.782E-01	57.36	-1.345E-02	'			-+.098E-01	-
7.200	0.0	26.8	5.753E-01	57.35	-1.3636-02	-4.047E-02	4.442E 02	1.74EE 03	-4.153E-01	-1.2346 00
7.300	0.0	26.6	-	57.36	-1.361E-02	'		1.7486 03	-4.150E-01	22 CE
7.400	0.0	26.6	-	57.35	-1.363E-02	41		1.148E 03	4.1546-01	1.248
7.500	0.0	36.6	-		-1.3861-02	1	_	1.7476 03	-4.225E-01	139E
7.600	0.0	26.7	9.7E6E-01		-1.434E-02	*	4.439E 02	1.7486 03	-4.3716-01	
7.700	0.0	26.7	. 790E		•	-4.351E-02	4.44 JE 02	1.7476 03	-4.365E-01	-
7.800	0.0	26.6	5.802E-01	57.32	-1.3896-02	-4.436E-02		1.7476 03	-4.235E-01	-1.352E 00
2000	0	24.7								•

EXPERIMENTAL CATA

			T ENS TON	LENGTH	GTH VELOCITY	ACCEL.	TENSICA	LENGTH	Th VELCCITY	ACCEL.
1 3411	IPE ANG	ANGLE	3							
		Ę	185	FT	F T/SEC	F1/SEC/SEC	GR AP	t	CM/SEC	CM/SEC/SEC
		£ . 1	5.PC5E-01	51.34	-1.305 E-02	-4.334E-02	4.44BE 02		-3.979E-01	-1.321E 00
8.100 0		3.6	5.7896-01	57.35	=	-4-149E-02	3044°			26 SE
		3.6	5.789F-01	57.34	-1.332E-02	-4.280E-02	3044.	1.7486 03	-4.060E-01	-
		3.3	5.7663-01	57.34	1.324	-4.118E-02	13E+		-4.035E-01	-1.255E 00
		1.1	5.7c8E-01	\$7.35	1.348	-4.152E-02	3444.		-4.107E-01	
		3.9	5.787E-01	57.34	-1.385E-02	-4.075E-02		1.7486 03	-4.222E-01	
		4.6	5.783:-01	57.36	1.303	-4.183E-02	386		-3.572E-01	-1.275E 00
		5.E	10-ELLL 5	57.36	-1.3C7E-02	-3.549E-02	4.435E 02		-3.984E-01	177
		6.7	5.755-01	57.36	-1.331E-02	-3.961E-02	4.443E 02		-4.058E-01	-1.207E 00
		3.3	5.7825-01	57.36	-1.355E-C2	-3.881E-02	4.437£ 02		-4.132E-01	
	92 0.0	5.8	9.757F-01	57.36	-1.314E-02	-4.055E-02	4.44E C2		-4.006 E-01	-1.237E 00
		4.6	5.755F-01	57.34	-1.350E-02	-3.932E-02	4.443E C2	1.74EE 03	-4.114E-01	-1.1998 00
		6.7	10-3531.5	57.34	-1.312E-02	-4.309E-02	4.443E 02		-3 .999E-01	
		2.5	5.803E-01	57.34	-1.353E-02	-4.255E-02	4.44E 02		-4.125E-01	-1.298E 00
		6.7	5.799E-01	57.33	-1.378E-02	-4.291E-02	145E		-4.159E-01	
	0.0	3.9	5.789E-01	57.35	-1.355E-02	-4.331E-02	4.440E 02	1.748£ 03	-4-130E-01	-1-320E 00
		3.3	5.786F-01	57.34	-1.325E-02	-4.105E-02	4.439E C2		-4.038E-01	-1.251E 00
		5.9	5.7885-01	57,35	-1.3486-02	-4.221E-02	4.440E 02		-4.1C7E-01	-1.287E 00
		5.E	9.787E-01	57.35	-1.334E-02	-4.113E-02	4.43GE 02		-4.067E-01	7 300
		5.9	9.786E-01	57.36	-1.326E-02	-4.110E-02	4.439E 02	1.74EE 03	-4.043E-01	-
0 000 0	0.0	26.8	10-3051.5	57.35	-1.284E-C2	-4.015E-02	4.4406 02	1.7488 03	-3.912E-01	-1.224E 00
		8.9	9.786E-01	51.35	-1.292E-02	-4.092E-02			-3.937E-01	
		4.8	5.779E-01	•	-1.3586-02	-4.140E-02			-4.140E-01	
		3.0	5.785E-01	57.37	-1.307E-02	-3.777E-02			-3.9856-01	.151E
		4.6	5.786E-01		-1.351E-02	-3.859E-02			-4.115E-01	1.176
		3.9	2.7695-01	57.37	-1.318E-02	-3.798E-02				
	3.100 26	F. F.	9.947E-01	57.37	-3.768E-02		. 512E		-1.1306 00	.492€
		3.9	36 0	57.41	-3.3186-01				-1.0116 01	
		6.7	0	57.38	-6. 597E-01	-2.9616 00	369E			
		8.9		57.30	1		. 547E			.304E
		£ . 1	1.164E 00	57.21	1716	-2.739E 00	37.16		-	
11.100	0.600 26	2.5		57.15	-1.425E 00	-2.719E 00			-4.3436 01	9.288E
		1.0		51.03		-2.48EE 00			-5.122E 01	346
11.300 0		4.6		56.84		-9.3406-01			-5.663E 01	
		£ . i		99.95	_	7.11 8E-02	36		-5.7086 01	1706
-		£.8		26.49	-1.8698 00	-3.137E-02			-5.655E 01	362F
1 009.		1.9		56.32		-5.127E-02	_		-5.65EE 01	. 563E
-		8.8		56.17		-4-125E-02			-5.697E OL	386
-	300 26	3.9		55.58		-4-143E-02		1. 7cee 03	-5.654E 01	-1.263E 00
-		3.9		55. E1	-1.868E 00	-5.385E-02			-5.694E 01	116
1		9.9		55.63	_	-3.519E-02		-	-5.694E 01	136
-		4.8		95.46	_	-4.347E-02	36		-5.693E 01	•
-	.700 26	8.9	1.CETE 00	55.27	-1.868E 00	-3.686E-02		1.685E 03	-5.693€ 01	-1.123E 00
12.300 1		6.7		55.09		-4.260E-02			-5.6938 01	•
. 600	92 005	6.1	1.074 00	24.92	-1.869E 00	-5.168E-02		1.674E 03		-1.575E 00
. 500 2		1.9		54.73	-1.669E 00	-3.174E-02		1.668E 03	-5.656 01	-1.1506 00

EXPERIMENTAL CATA

RCOR	RUN	USCL.	TENS ION	LENGTH	VEL 0C 11Y	ACCEL.	TENSICA	LENGTH	VELOCITY	ACCEL.
SEC	SEC	DEG	LBS	F	F1/SEC	FT/SEC/SEC	GRAP	ð	CN/SEC	CM/SEC/SEC
12.600	2.100	26.1	210	54.56	-1.868 6 00	-4.770E-02	.8 10E	0	.654E	-1.4546 00
12.700	2.290	26.7	37:	54.38	-1.868E OC	-3.765E-02	8416	9	.693€	=
12.800	2.300	26.7	45	54.20		-4.821E-02		0 3		-1.469E OC
12.500	5.400	24.8	399	54.65	1.867	-5.037E-02	4.837E G2	0	-5.65ZE 01	
13.000	2.500	36.8	5	53.EE		=	.852€	0 3		-1.028E O
13.100	2.600	56.5	196	53.70	-1.868E 00	-4.535E-02		0		388
13.200	2.700	24.8	Je:	53.54	-1.868E 00	-3.678E-02	-	0	-5.692E 01	1216
13.300	2.800	36.8	36L	53.36	-1.E67E 0C	-3.842E-02	4.892E 02	0 377		1716
13.400	2.900	26.€	30	53.19	-1.868 E 00	-5.472E-02	30 JE	0	.692E	3899
13.500	3.000	36.€	4.	£3. C3	_	-3.439E-02		0		.048E
3.600	3.100	26.8	35E	52.83	E67E	-3.616E-02		1.610E 03	₹92E	102E
13.766	3.200	26.8	361	52.68	-1.867£ 00	-4.051E-02	aset	SECRE C	3169°	-1.235E 0
13.800	3.300	36.8	195	52.48		-3.788E-02	4.855E 02	SOCE 0	-5.692E 01	-1.155E 0
13.900	3.400	3.92	16E	52.30	3 8	-5.04EE-02	-	0	_	
000-41	3.500	24.6		52.12	. 868E	-4.041E-02		99E 0	. 693E	
14-100	3.600	26.1	30E	51.52		-4.644E-02		83E 0		-1.415E 0
14.200	3.700	26.7	.083€	51.74	919	-3.452E-02		27.5	7	-1.052E 0
14.300	3.600	26.1	. CE 3E	51.57	_	-4.078E-02		72E C	-5.490E 01	-1.243E 0
004.41	3.900	26.7	.064€	51.40	ш	-5.256E-02	-	676 0	-	-1.602E 0
14.500	4.000	36.€	316	2	1.867	-3.90 8E-02	.903E	-		-1.191E 0
009-+1	4.100	36.6	.C 78E		1.868E	-4.786E-02		554E 0	90	-
14- 700	4.200	26.E	.093E		. 867E	-2.472E-02	. 511E	16.51		:
008-	4.300	26.8	35		1.867E	•	1616.			:
006-41	005-	3002	316		1.60 /E	-4.374E-02	3626	SAUE O		1.3336
2000	4.500	2007	10		2000	-4.032E-02	. 8556	325	-2.68%E 01	1.22.1
15.100	4.600	2007	1.0765 00		:.	-4.96 ZE-02	4.6831 02	300		٠,
307-61	2000	2.07	186		200	20-1011-5-	- 666	משנים מ	TORR	1964-6
300	4.800	2002	36		866 E	-3.491E-02	. 453E	1.515E C3		1.064E
15.400	006.4	3.97	3		1.866E	-4.179E-02		136 0		1.274E
2.500	2.000	26.8	365			-4.075E-02		0 330		1.2426
15.600	2.100	26.1	W 1	49.29	1.867E	-5.107E-02		CZE		1.557E
15.700	2.200	26.1	55E	49.12			. 787E	976	7	1-1426
15.800	2.300	26.1	55E	48.94	1.867E	-4.236E-02	. 76 7E	0	3159	1.2916
15.500	2.400	26.8	26E	48.19		•	.7916	ETE C	. 693E	. 307E
16.000	2.500	26.8	1.060E 00	48.62		-3.932E-02	3C7E	82E	9689	1.1996
16.100	2.600	26.6	36F	48.46		-4.904E-02	. 936E	176		
16.200	2.700	26.€	95 g	48.28		-3.928E-02		1.472E 03	-5.650E 01	.1976
16.300	2.800	26.8	1.070E 00	48.11		-4.194E-02			116	
16.400	2.500	26.€	12E	47.93	-1.867E 00	-3.843E-02	. de 4E			
16.500	000-9	56.5	3E	47.76		-3.657E-02	.8676			115
16.600	6.100	56.5	34E	47.59	-1.866E 00	-4.935E-02	. e 70E	0	-	1.504E
16.700	6.200	26.5	83F	47.43	-1.866E 00	-4.270E-02	3016.	1.44E C2	•	-1.302E 0
16.800	6.300	2€.€	PEE	47.25	-1.867E CO	-4.320E-02	4.926E 02	1.440E 03	-5.690E 01	-1.317E 0
16.500	6.400	26.5	3 48	47.08	-1.867E 00	-3.473E-02	186	1.435E 03	9059	3
17.000	6.500	34.6	1 000 00	77						
		3007	100	40.00	-1. BOOR -1-		3106		10 3889·C-	30,001-

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EXPERIMENTAL DATA

COR	RUN	OSCI.	TENS ION	NO	LENGTH	GTH VFLOCITY	ACCEL.	TENSICA	LENGTH	Th VELCCITY	ACCEL.
SEC	SEC	ANGLE	185		1.1	F1/SEC	F1/SEC/SEC	4799	à	CH/SEC	CH/SEC/SEC
3.200	6.700	26.6	1.073	90	46.52	-1.666F JO	-3.943E-02	4. E E E E 02	0 3317.	589.	-1.201E 00
300	0.800	36.6	1.C 78E	00	46.34				0	.691E	-
400	005-9	2€.€	1.C84E	00	46.14		. 584		-	_	
200	7.000	36.6	1.0635	00	45.59		=		0	- 689E	÷
009	7.100	26.6	1.C 79E	00	45.80		.853		3951	3689€	¥
200	7.200	26.8	1.078E	00	45.63	-1.666E 00	-3.7C1E-02	315	1.3516 03	96 JE	
900	7.300	24.6	1.C76E	00	45.46	-1.866E 00	167.		378	-5.488E 01	-1.453E 00
900	1.400	26.5	1.0835	00	45.28	-1.667E GO	-4.314E-02		1.380£ 03	-5.690E 01	
200	1.500	5.92	1.084F	00	45.11	-1.867E 00	-3.442E-02		1.375E C3	-5.650E 01	-1.049E 00
18.100	1.600	26.5	1.CE4E	00	44.53	. 867E	-4.143E-02	3116	3572	-5.651E 01	26 3E
8.200	1.700	56.9	1.075E	00	44.76	-1.866E 0C	-3.548E-02				-
6.30C	7.800	5.92	1.C76E	00	44.60	-1.666F 00	-4.448F-02		1.255E 03		1000
8.400	7.900	34.6	1.C 78E	00	44.41		-3.622E-02				-
8.500	8.000	3.92	1.081E	00	44.25	-1.866E 00	-4.371E-02		1.349E 03	-5.689E 01	-
8.600	8.100	26.5	1.CP6E	00	44.67		-4.451F-02		7	-5.689E 01	-1.357E 0
8-700	8.200	26.€	1.07SE	00	43.88	-1.866E 00	-2.913E-02	4.456E 02	376	-5.687E 01	-8.878E-01
308	8.300	.26.€	1.078E	00	43.69	-1.866E 00	-4.35 8E-02			-5.6e8E 01	-1.341E O
8.900	8.400	26.6	1.079E	00	43.51	-1.866E 00	-3.707E-02		1.226E 03	-5.6E7E 01	-1.13CE 0
000	8.500	26.8	1.079€	00	43.34	£66F	-4.822E-02		1.3216 03	-5.688E 01	-1.470
001.5	8.600	5.97	1.080E	00	43.18		-4.855E-02		0	-5.689E 01	-1.480E O
200	8.700	54.5	1.677	00	43.60		-3.782E-02			-5.689E 01	
9.300	8.800	56.9	1-076E	00	42.83		-4.022E-02	4.881E 02	1.3066 03	3	-1.226E 00
004.6	9.500	26.6	1.0136	00	45.66	1 -866E	-3.401E-02			-5.6868 01	36
005.6	9.000	26.€	1.079E	00	45.48	1.866E	-4.620E-02		0	-	
9.600	6.100	76.7	1.0776	00	45.31		-4.235E-02		7		
9.700	2.200	26.1	1.0796	00	42.12	_	-4.413E-02				-1.345E 00
19.800	9.300	26.8	1.078E	00	41.55	_	-4.91 IE-02		.279E 0		3764.
706	6.400	26.6	1.077E	00	41.77	-1.8668 00	-2.914E-02		.273E	w	-882E-
20.000	2.500	26.1	1.07EE	00	41.60		-3.954E-02	4.880E 02	1.268E 03	-5.686E 01	.205E
20.100	9.400	26.7	1.075E	00	41.43	-1.666E 00	-3.805E-02		£3E	-5.688E 01	_
20.200	6.700	26.1	1.079	00	41.24	ш.	-3.694E-02		1.257E 02		ä
300	9.800	26.6	1.C77E	00	41.04		-5.098E-02	4.887E 02	7		
004	006.6	26.1	1.080E	00	40.87	-1.866F 00	-3.57 EE-02		1.24EE 03	-688E	1.090E
200	10.000	24.1	1.C77E	00	40.67	_	-4.334E-02	4.886E 02			
20.600	19.100	26.6	1.078E	00	40.48		153		0	-5.688E 01	-1.1446 00
20. 700	10.200	26.1	1.082E	00	40.33	-1.866E 00	-3.754E-02		25E 0	-686E	-
20.800	10.300	26.6	1.0E 6F	00	40.15	-1.866E 00	-5.016E-02	4.925E 02		689.	. 529E
006	10.400	26.8	1 .0 90E	00	39.98	ш	-3.925E-02		1.219E 03	-5.688E 01	-1.196E O
21.000	10.500	26.5	1.082F	00	39.82	-1.867£ 00	-4.741E-02	4.507E 02		-5.690E 01	-1.44SE 00
100	10.600	56.5	1.C76E	90	39.65	-1.866E 00	-4.106E-02		1.208E 03	-5.688E 01	
200	10.700	5.97	1.0 70E	00	39.48	-1.866E 00	-3.254E-02	4. ES6E 02	1.203E 03	-5.688E 01	-9.919E-01
21.300	10.00	26.5	1.C76E	00	39.33	-1.866 E 00	-4.636E-02	4.8E1E 02	1.155E 03	. 68E	4136
21.400	10.900	26.5	1.C.E.SE	00	39.26		.794		1.1576 03	-5.688E 01	-1-156E D
200	11.000	27.6	1.0636	00	39.14	-1.866 8 00	-4.055E-02	4.911E 02	1.153E 03	199	-1.236E 0
009	100				-			i			1
	11:100	5007	1.03	00	38.97	-1. Ebbt 00	-3.7716-02	4.855E 02	1.188E 03	-5.688E 01	-1.14SE 0

CXPEFIMENTAL CATA

ACCEL.	CM/SEC/SEC	.35 CE 00	.167E 00	322E 00	368E		94E	291E 00	219E	.303E 00		199E	16 9E	442E 00		11 BE	100E	-346b	295E 00	145E	31 12	37.0	1.179E 00	123E	36 +1		1.151E 00	126E	.164E 00			37	25 TE	199E 00	24.7E	390E 00	166E 00	209E 00	078E 00	2385 00	13 3 F 00	34.96 00	74.8E-01
•	CH	-	-	-1-	-1-	-9.6	-1-	-	-	-	-1-	-1-	-	-1-	-	-			i.	Ŀ,	Ŀ.		: :	-1-	-	-1-	:	፥.		: :		-1-	-		-1-	~	:	:	٠,				
7	J	10					10	. 10		70							150			-		100	1 2			10		T	5 6		87			-	7			5		33		16	5
VELCCITY	CM/SEC	-5.68EE	5	-5.687E	-5.650E	-5.689E	-5.68BE	-5.69CE	-5.688E	-5.68SE	-5.EEE	-5.686E	-5.685E	-5.686E	-5.68BE	-5.68SE	-5.689E	-5.68EE		-5.68BE	-5.690E	-2.09UE	-5.650E	-5.689E	-5.68BE	-5.6E7E	-5.690E	-5.6EBE	-5.689E	-5.68 AF	-5.690E	-5.689E	-5.68EE		-5.68SE	-5.68SE	-5.689E	-5.6E7E	-5.689E	3000 6-		-5.650E	
		03	63	03	03	03	93	03	03	03	03	03	63	03	03	03	03	03		60	60	"	3 2	03	93	03	03	M	500		03	03	03	20	23	20	20	25	20	7 "	20	0.20	20
LENGTH	à	1.1176		1.166				446		33E												3490			0000			DEZE	1.0226	CIJE	012E		-00CE	.946E	. E85E	. 835E	-785E			6756	5166	4636	46.95
5		0.5	02	05			62					05	62	05			05	05	05	70								70	25	62											20	62	00
ICASICA	GRIP	4.866	4.4836	4.517E	4.968		4.854E	4.395	4.399E	4.45E	4.9196	4. 994E	4.9COE	4.493E	4. E 14E	4.853E	4.884E	4.6676	4.3876	4.8 796	4.8735	4.9676	4.884	4.884	4.613E	4.886E	4.9C6E	4.905	4.066	4. B. B. F.	4.9006	4.905E	4.856E		4.878E	4.4896	4.850E	4.882	4.8838	4.6796	4.8996		4.0145
	ec .	.02	-05	-05	-05	-05	-05	-05	-05	-05	-05	-05	-05	-05	-05	-05	3	-05	70-	75	70.	3 6	70	-05	-05	-05	55	70-	33	0.5	-05	-05	-05	-05	-05	-05	75	-05	70	200		F-02	20
ACCEL.	F1/SEC/SEC	-4.43CE-	-3.830E-02	-4.338E-02	-4.230E-	-3.229E-02	-4.901E-02	-4.235E-02	-3.999E-02	-4.274E-02	-3.310E-02	-3.532E-02	-3.836E-02	-4.732E-02	-4.130E-02	-3.667E-02	-3.871E-02	-2.538E-02	-4.248E-02	-4.C85E-02	•	- 3 - 8 8 E - 02	16	-4.012E-02	-3.769E-02	-4.709E-02	-3.175E-02		-3.819E-02	-4-114F-02	-3-730E-02	-3.833E-02	-4.123E-02	-3.934E-	-4.050E-02	4	-3.826E-02	-3.967E-	-3.538E-02	-4.22.96-02		425	0 7 0
-		00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	000	200	30	00	00	00	00	000	2 6	200	00	00	00	00	00	00	00	00	000	3 6	200	00	
VELOCI 1Y	FT/SEC	-1.866	-1.866E	-1.E66E	-1.867E	-1.866E	-1.866E	-1.867E	-1.866E	-1.866E	-1.866E	-1.E66E	-1.865 E	-1.866F	-1.866E	-1.867E	-1.866E	≟.	: .	-1.866E	-1.867E	1.8675		-1.867E	-1.866F	-1.866E	-1.867E		-1.8001	-1-866 E	-1.867E	-1.866E	-1.866E	-1.867E	-1.8678	-1.866E	-1.866E	-1.866E	-1.865	-1.8006	-1.866	-1.8675	1 044 6
LENGTH	FT	38.61	38.43	38.25	38.65	37.87	37.70	37.53	37.36	37.19	27.61	36.84	36.66	36.49	36 . 34	36.16	35.59	35.81	35.63	35.46	35.27		34.75	34.57	34.41	34.25	34.06	33.87	33.66	33.36	23.19	33.01	32.81	32.63	32.45	32.27	32.10	31.92	31.79	31.40	21.22	31.05	30.06
		00	22	00	00	00	00	00	00	00	20	00	00	00	00	00	20	00	000	000	9 5	,	99	20	00	00	00	200	3 6	00	00	00	00	20	00	00	00	00	200	90	000	00	0
TENS ION	LBS	1.073	1.C77E	1.084F	1. CP2F	1.C80E	1.079	1.C75E	1.030€	1.079		0	0	1.C 79E	0	1. C 79F	1.077E	1.C77E	1.077	1.076E	1.014	- 0	1.677E	1.677ë		1.6775	1.0825	1.082E	1.070	1.077E	1.08CE	1.081	1.C 79E	1.C15E		673	9	1.076	1.00	1000	0	1.085	1.097
PAGLE	OEC	26.5	5.45	20.5	26.5	34.5	56.5	26.5	54.5	26.5	26.5	26.5	56.5	26.5	5.97	56.5	50.5	26.5	26.5	5.92	50.92	26.95	26.8	56.5	26.8	27.6	26.5	5.97	27.0	27.0	26.5	56.5	24.6	54.5	26.5	26.8	2005	26.6	5000	26.5	24.5	26.5	3 76
11 P.E.	SEC	11.303	11.400	11.500	11.600	11.709	11.800	11.900	12.000	12.100	12.230	12.300	12.400	15.500	12.600	15.700	12.800	12.500	13.000	13.100	13.200	13.400	13.500	13.600	13.700	13.600	13.900	14.000	14.200	14.300	14.400	14.500	14.600	14.700	14.800	14.500	15.000	15.100	15.200	15.400	15.500	15.600	16 200
RCCR	SEC	21.866	21.900	22.000	22.100	22.200	22.300	204.77	22.500	22.600	22-100	22.800	22.500	23.000	23.100	23.200	23.300	23.400	23.500	23.600	23 600	008-62	24.000	24.100	24.200	24.300	004-40	300	2000	4. 800	24.900	000-5	25.100	55.200	25.300	25.400	00000	209.67	000.62	25.900	0000-97	26.100	26.200

EXPERIMENTAL CATA

	TENSION LENGTH		VELOCITY	ACCEL.	TENSICA	LENGTH	VELOCITY	ACCEL.
LBS		111	F1/SEC	FT/SEC/SEC	GRAP	ð	CM/SEC	CM/SEC/SEC
		53 -1.		O	£ 3 E	. 3C.EE		-1.171E 00
14	30	37 -1.866				Se E	685E	185E
2	30	-1.6	9 39 39	;	. 855E	.155E	89 E	1.2946
2 5	9	90.00			93.00	30 1446 02	0	1967
9 9	200	:-	00 34 78	-3.9015-02	3106	0335	3600	-
u	20			1	1 346	270	ABCE	1736
1.CE4E 0C	50	32 -1-			• •	936	5.6	-1-34BE 00
36	53	.13 -1.		8	. 8 C BE	- £ 7 €E	5.689E	1.1706
1.073E CO	28	-1.8	67E GC		.867E	. 83CE	5.66SE	1.224E
36	28	8.79 -1.866		-3.542E-02	331E	8.77¢E 02	3689€	-
E	28	8.63 -1.866		-3.956E-02	856E	. 12¢E	3689.	390
3E	8	-1.8	99 399	-4.227E-02	4.913E 02	€13E	3889°	
36	8			-4.300E-02		.620E	.688E	3116
£	28	-1-	0			. 54 5E	BSE.	
3E	27	27.54 -1.86	0	-3.675E-02		.516E	87E	-1.1206 00
·	21	-	0	525	126	-46 3E	688E	344
Æ	27	-1.8	ш	-3.774E-02			-5.6£7E 01	
w	27	-1.8	99 399	-4.35 SE-02	35E	.352E		3116
1E 00	27	-1.8	0	-4.223E-02		. 25 EE	3899°	
ZE CC	-	-1.8	0	-3.968E-02		.235E	-5.650E 01	
DE 00	56		0	-3.537E-02		. 183€	3689€	-
w !	56	-1-		-4.256E-02	.\$ 12E	.125E	6EPE	197E
	26.	7	6F 00	864	3606.	8.0776 02	-5.688E 01	1.1786
u 4	2007	7			. 8085	1470	2/89	3617
ט ע	200	0 0) C		4.3935 02	32760	-2.08dE UL	3016
	20	1		-3.366-02	3636	3016	37.00	2507-
J. H	3 "			-3.8376-02	14686		36000	
1.0765 00	25	: :		3.5	. 881E			1.2136
· E	25	-1.8		.91		7.102E 02		1.1946
SE	55	111 -1.866		3			3889°	102E
4	54.	-1.8	96E 00	•		-	9189°	
JE.	54	24.76 -1.866		-3.346E-02	.8646		ee e	
76	54	-	7E 00	•	.8876	491E	•	.2076
E	54	7		•	6 SE	366	3689	-
*	54.	-	ш.	.86			3589	
JE.	4	-1-		-4.443E-02	36	.323€	3169	
¥.	23.	3.86 -1.867		-3.90 8E-02	4.563E G2	1.272E 02	3689	3161
Se G	23.	11 -1.866		-3.507E-02	943E	.226E	3689	.065E
36	23.	13 -1.8	96E CO	-3.929E-02	843E	.1736	588E	.198E
4	23.	.35 -1.866	00 39		824E	.1186	989	.289€
35	23	19 -1.8	66E 00	-4.594E-02	4.9C7E 02	.068E	3189	300t ·
1.080E 00	-	8-1-8			3006	. 013E	3689	.252E
	23	0.1	,					
4	23.	83 -1-8		-3.947E-02	.842	.560	358	-1.203E 00

EXPERIMENTAL CATA

			I FNO TON		LENGTH	VEL OC 1 1V	ACCEL	TENCICA	I FACTE	VELOCITY	ACCEI .
RCCR	RUN	ANG I F									
355	SEC) E G	183		FT	FT/SEC	FT/SEC/SEC	CREP	t	CM/SEC	CM/SEC/SEC
31.000	20.500	26.5	1.071	00	22.49	E 0	0 -3.475E-02	4.65SE C2	. 655E	. 6E BE	-1.059E 0
31.100		27.6	In	00	22.33	1.866E C	4	4.484E 02	BCEE	-5.689E 01	:
31.200		27.0	4:	00	22.15		-3.6		6.752E 02	3689	-
31.366		27.6	بيا	90	21.57	866 E	i			-5.688E 01	70
31.400		27.6	بي	20	51.79	_	-3.4	_	6.643E 02		-1.05SE 00
31.500		27.6		00	21.62		-3		6. SPRE 02		-1.198E 0
31.600		26.5	4	00	21.43	-1.866F JO	1	4.861E 02	3 2 E		-1.134E 0
31.700		26.5	36	. 20	21.25	-1.867E 0	-4-		6.478E 02		-1.280E 0
31.800		59.5	E	00	21.06		1		.42CE		-1.316E 0
31.900		21.6	35	00	20.50	-1.867E 00	'	1456	.37CE	689E	-1.162E 0
32.000		26.5	36	00	20.72	-1.866E CO	-3	4.488E 02	316	-5.688E 01	-1.177E 0
32.100		56.5	E SE	00	20.54	-1.866E 00	•		EZE		-1.177E 0
32.200		27.6	i	20	20.36	866E	-3		175	687E	-1.203E 0
32.300		27.0	W.	00	20.20	-1.866E 0	•		. 156E		-1.351E 0
32.400		27.6	4	00	20.02	867E 0	0 -4-1291-02	4.901E 02	CIE		
92.500		27.6	36	20	19.63	867E 0	1	_	.043E	-5.690E OL	
32.600		26.5	3	00	19.66	866E	-3		. 552E		-
32.700		27.6	36	00	19.52	ш	-3		349E	. 6E 7E	-
32.800		27.0	1	00	19.33		1		.851E		-1.1716 0
32.500		27.6	3	00	19.16	866E	1	4.853E 02	. £35E	9689	
33.000		27.6	u'	00	18.57	866E 0	*		5.7826 02	56 6E	-1.292E 0
33.100		26.5	4	0	18.78	867E	i	. 848E	. 125E		-1-218E 0
33.200		27.0	w	20	18.61	866E	'		3.5		-9.897E-0
33.300		26.5	3	00	18.41	-1.867E CC	4-	4. JOIE 02	136	-5.689E 01	-1.355E 0
33.400		56.9	ı	0	18.24	-1.867E 0	0 -4.003E-02				-1.220E 0
33.500		27.6	w	00	18.07	-1.867E 0	i		3C 7E		-1.378E 0
33.600		56.5	w	0	17.90		*				-1.243E 0
33. 700		27.6	w	00	17.73	e 0	•	-	5.4C4E 02		-1.066E 0
33.800		27.0	w	00	17.55		-3	4.8776 02	_		-1.190E 0
33.900		27.0	w	0	17.37	-1.866E CO	-4-1			-5.687E 01	-1.255E 0
34.000	23	56.5	w	0	17.20		i	4.814E 02			- 1000
34.100	23	27.6	ı	30	17.62	-1.867E 00	•	_	5.1896 02	9069	-1.285E 00
34.200	23	27.0		00	16.86	-1.867E CC	•	4.844€ 02	5.139E 02		-1.007E 0
34.300	23	27.6	w	00	16.70	-1.866E O	•		5.CS 1E C2		-1.162E 0
34.400	23	27.5	w	00	16.91	866E 0	•	.8426	033E	-5.688E 01	-9.624F-0
34.500	54	26.5	w	00	16.35	399B	'	. 6536		688E	-1.223E 0
34.600		27.6	1.0665	00	16.17	867E 0	i		4.929E 02	-5.685E 01	-1.285E 0
34.700	24	26.9	w	00	15.58	-1.867E 00	•				-1.0486
34.800	24	26.5	w	00	15.82	867E	- 3		-		-1.181E 0
34.900	5.4	26.5	1.6695	00	15.62	1.867E C	-3	150E	3096		-1.156E 0
35.000	54	26.9	w	0	15.44	0	*-		4. 7CEE 02	3169	-1.354E 0
35.100	24	26.5		00	15.29	-1.867E 0	C -3.892E-02		4.455E 02	-5.650E 01	-1.186E 0
35.200	54	26.5	11'	00	119.11	0	C -3.860E-02	839E		9689	-1.177E 0
35.300	24	27.6	w	00	14.93	867E 0	4-		52E	-	-1.300E 0
35.400		27.6	u	00	14.74	867F 0	0 -3-016F-02	9 7 OF	SCCF	-5.689E 01	-9.1916-
	-					3	-				•

EXPERIMENTAL CATA

ACCEL.	CM/SEC/SEC	1.3476	1.2216	346E	1.037E	1.065E	30 SO	1.0416	1.250E	-	311CE	3010·	1001	. 034E	1.1506 02	-158E	10 3902-1	3016-	- 43	-407E-	10-11-0-6-	5070	-1.003E 90		0386	. 182E	1506	.125E	1.113E	1-1046	1-1446	9-9486-	00 alen-1-	00 3630	1.070	1.1096	1.001	-1.0786 90	1.086E	1.074	3901	14 9E		-1.1326 00
VELOCITY	CP/SEC	ARGE	68 PF	69-5	9359	3359'	3069	38 8 E	368€	-5.690E 01	306	-5.568E 01	-4.731E 01	-3.7C4E 01	-2.712E 01	-9.751E 00	5-371E-01	10-3641-7-	-3.684E-01	-3.071E-01	-3.034E-01	-3.027E-01	-3.1136-01	1316-01	-3-081 F-01	-3.226E-01	-3-173E-01	-3.077E-01	-2.9C2E-02	-3.096E-01	-3.0756-01	019E-	- 20	10-3200-7-	3716-	95	2.962	1	3.184	-3.051E-01	-177E-	1.	1	-369E-
LENGTH	ð	36.36	4.343F 02	2896	35E	1816										124E		133E 02	126E 02	128E 02	20	30	736E 02	1 0	36	65	02	05	0.5	05				3.7316 62			.732€	. 735E	. 728E	316	. 127E	.722E	-	3171.
TENSICA	CRAP		4766	460F	.660E	.856	.852E		3836		.846€	.7136	.921E	.023€	.531E	. 32 IE		1161	.572E	1000	. 935E UZ	20 35 27 Oc	020	200		02	7828	. 857E					3356		4766	.624E	.688E	-	35	3		578E		4.647E CZ
ACCEL.	FT/SEC/SEC	-4.421E-02	-900-4	4.415	403	3.49	m	"	-4.126E-02	-3.888E-02	-4.258E-02	1.31 6E 00	3.64CE 00	3.393E 00	3.772E 00	7.08CE 00	3.9586-01	10-3666-1-	-1.950E-03	-3.086E-02	-2.568E-02	-3-1555-02	-3.292E-02	-3 2216-02	-3.4045-02	-3-879F-02	-3.772E-02	-3.650E-02	-3.651E-02	-3.423E-02	-3.754E-02	-3.264E-02	-3.480E-02	-3.466-02	-3.511E-02	-3.639E-02	-3.28 46-02	-3.538E-02	-3.564E-02	-3.522E-02	-2.884E-02	-3.768E-02		-3.713E-02
ENGLISE UNITS	FT/SEC	446	PARE	1.867	1.867E		1.867E	1.866 E	39			1.827E	-:	1.215E	E.897E-	1996	1.762E-0	260.	6029	:	;	7.556-0	-1.021E-02		: -		1. C41E-0	:	0	•	1.009E-0	0	;	10.7			-9.717E-03	-9.552E-03	-1.045E-02	-1.001E-02	-1.042F-02	-5.855E-03		-5.728E-C3
LENG 1H	F	14.43	14.25	14.67	13.51	13.72	13.54	13.36	13.17	13.61	12.80	12.61	12.48	12.35	12.26	12.22	12.23	12.63	12.23	12.23	12.25	17.71	12.26	12.24	12.24	12.23	12.23	12.23	12.23		12.24	12.24	12.24	12.24	10	12.25	12.25	12.25	12.23	12.24	12.23	12.21		12.23
TENSION	LBS		1.076		1.0715 00							1.039E 00	8.644E-01	8.870E-01	10-2686.5	7.343F-01	8.54 IE-01	100 3777	1. CCBE 00	8.C4 IE-01		10 1215 00	9.CC3E-01	1.1316 00	1.016F 00	9.2065-01	1.0546 00	1.071E 00	5.5£1£-01	9.5¢8E-01		1.0045 00	1	1.0295 00	. !	3610·				1.C29E 00	-			
cscı.	DEG	27.0	27.6	20.5	27.6	26.5	26.5	27.6	5.97	27.0	26.5	26.5	2.7.5	26.5	56.9	5007	26.5	1.17	21.6	21.0	21.1	22.0	21.12	34.5	27.6	27.6	27.6	27.0	26.5	27.0	27.1	27.5	33.0	27.5	27.0	27.6	27.6	27.1	27.6	27.6	27.6	26.5		0.17
RUN	SFC	25.100	25.200	25,300	25.400	25.500	25.600	25.700	25.800	25.900	26.000	26.100	26.200	26.300	26.400	26.500	0.0		0.0	0.0	0.0		9		200	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
RCON	SEC	35.600	35.700	35.800	35.900	36.000	36.100	36.200	36.300	36.400	36.500	36.600	36.700	36.800	36.900	37.000	37.100	37.500	37.300	37.400	37.500	27.000	37.800	17.900	38.000	38.100	38.200	38.300	38.400	38.500	38.600	38.700	20.00	39.000	39.100	39.200	39,300	39.400	35.500	39.600	35.700	35.800	20000	37.700

EXPERIMENTAL DATA

NIIN									
	9501.	LENSION	LENG TH	VEL OC I 1V	ACCEL.	TENSICA	LENGTH	VELOCITY	ACCEL.
TIPE	INCLE								
SEC	956	LPS	1	F1/SEC	F1/SEC/SEC	CRAP	3	CP/SEC	CM/SEC/SEC
0.0	27.6	1.02CE 00	12.24	-5.242E-03	-3.706E-02	4.625E 02	3.730E 02	-2.817E-01	-1-129E 00
0.0	27.6	77	12.23	-8.673E-03	-3.403E-02		3.725E 02	-2.644E-01	
0.0	27.6		12.24	-5.319E-03	-3.597E-02	4.584E 02		-2.840E-01	3960
0.0	27.1	_	12.24	-8.562E-03	-3.622E-02			-2.732E-01	
3.0	27.6		12.25	-1.006E-02	-3.519E-02	-	3.732E 02	-3.065E-01	073E
0.0	27.1	1.011E 00	12.25	-8.817E-03	-3.1496-02	4.587E 02	3.735E 02	-2.688E-01	-9.598E-01
0.0	27.6	_	12.25	-5.664E-03	-3.346E-02			-2.545E-01	-1.020E 00
0.0	27.5		12.25	-5.207E-03	-3.280E-02			-2.806E-01	
0.0	27.0		12.25	-9.142E-03	-3.444E-02		3.735E 02	-2.786E-01	-1.050E 00
0.0	27.6		12.24	-5.557E-03	-3.712E-02			-2.913E-01	
0.0	27.6		12.24	-9.605E-03	-3.44 EE-02			-2.927E-01	
0.0	5.92		12.23	-5.773E-03	-3.759E-02	4.554E 02		-2.979E-01	
0.0	26.5		12.22	-1.054E-02	-3.611E-02	4.6158 02		-3.211E-01	
0.0	27.6		12.23	-5.653E-03	-3.868E-02	4.6C6E 02		-2.954E-01	
0.0	27.6		12.24	-5.510E-03	-3.916E-02	4.556E 02		-2.859E-01	
0.0	27.6		12.23	-5.118E-03	-3.712E-02	7	3.725E 02	-2.119E-01	
0.0	27.1		12.24	-E. £14E-03	-3.574E-02	4.558E 02		-2.626E-01	
0.0	27.1		12.24	-9.083E-03	-3.661E-02	200		-2.768E-01	
0.0	27.1		12.24	-8.609E-03	-3.533E-02	4.6071 02	- 75	-2.685E-01	
0.0	27.1		12.23	-5.386E-03	-3.63CE-02	4.602E 02		-2.861E-01	-1.106E 00
0.0	27.1		12.24	-8.888E-03	-3.68 &E-02	4.597E C2		-2.765E-01	
0.0	27.1		12.26	-6.829E-03	-3.392E-02	4.557E 02		-2.691E-01	-1.034E 00
0.0	27.1		12.25	-9.227E-03	-3.312E-02	4.6CSE 02		-2.812E-01	
0.0	27.6		12.25	-9.646E-03	-3.454E-02	4.602E 02		-2.94CE-01	
0.0	27.0		12.25	-8.685E-03	-3.462E-02	4.6CBE 02	300	-2.647E-01	-1.055E 00
0.0	27.6		12.23	-9.566 E-03	-3.532E-02	4.666E 02		-2.516E-01	
0.0	56.5	1.015= 00	12.24	-1. C29E-02	-3.436E-02			-3.138E-01	-1.047E 00
0.0	24.5								

EXPERIPENTAL CATA

		NREC = 47			10-3	10-3			
RS	63	+1	•	9	340	560	>		
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RAVETERS	E PATER	CTICA	LERAT	CIIY.	ERAT	TIPE,	IAL	1	
FARAVETERS	ABLE MATER	IRECTION	CCELERAT	SLCC11Y.	ECELERATI	LA TIPE,	AITIAL	INAL LE	
ACH FARAMETERS	CABLE MATERIAL NYLCN	CIRECTICN FAY-OLT	CCELERAT	VELLCIIV. FPS	CECELERATI	FLN TIPE,	INITIAL	FINAL LENGTH, FT	
HINCH FARAMETERS	CABLE MATER	CIRECTICA	ACCELERAT	VELCCITY.	CECELERATI	FLA TIPE,	INITIAL	FINAL LE	
HINCH	J	CIRECTICA	CCELERAT	VELCCITY.	CECELERATI	FLN TIPE,	INITIAL	FINAL LE	
HINCH	J	CIRECTICA	ACCELERAT	VELCCITY.	CECELERATI	FLN TIPE,	INITIAL	FINAL LE	
HINCH	J	CIRECTION	ACCELERAT	VELCCITY.	CECELERATI	FLN TIPE,	INITIAL	HINAL LE	
EST NG. 19 WINCH FARAMETERS	J	CIRECTION	ACCELERAT	VELCCITY.	CECELERATI	FLN TIPE,	INITIAL	SELMS SHEAT FINAL LE	

ASICN LENGTH VELUCITY ACCEL
BS FT FT/SEC F1/SEC/SEC
00 7.23
00 7.22 -1.3C9E-02
00 7.22 -1.3718-02
00 7.22 -1.329E-02 -
00 7.21 -1.346E-G2
00 7.22 -1.208E-02
0C 7.19 -1.148E-02
00 7.19 -1.304E-02
00 7.20 -1.255E-02
00 7.20 -1.267E-02
12.7 00
0C 7.20 -1.227E-02
00 7.21 -1.2CBE-C2
00 7.20 -1.2596-02
200
00 7.21 -1.221E-02 -4
00 7.23 -1.1716-02 -
0C 7.23 -1.162E-02 -
00 7.24 -1.1536-02
00 7.23 -1.188E-02
00 7.22 -1.151E-CZ
00 1.22 -1.2391-02
1-0195 00 7-20 -1-2305-02 -6-3465-03
00 7.21 -1.2295-02
00 7.22 -1.1336-02 -
00 7.21 -1.1405-02 -
00 7.21 -1.278E-02 -
00 7.22 -1.622E-62 -
00 7.21 -1.195 E-02 -
- 1.119E-02 -
00 7.22 -1.155E-C2 -
00
GG 7.23 -1.150E-02 -

EXPERIMENTAL CATA

RC3P	RUN	OSCL.	TENSION	LENGTH VELOCI	VELOC 1 1V	ACCEL.	TENSICA	LENGTE	VELOCITY	ACCEL.
SEC	SEC	DEG	LAS	F	FT/SEC	FT/SEC/SEC	CRAP	5	CP/SEC	CM/SEC/SEC
3.400	3.0	333.0	4	1 7.23	-1.1776-02	-4.CBCE-03	4.565E 02		-3.586E-01	-1.244E-01
3.500	0.0	352.2	36	1	-1.1896-02	-4.759E-03		2.204E 02	-3.623E-01	7
3.000	0.0	104.0	36	1	-1.110E-02				-3.383E-01	7
3. 700	0.0	14.2	36	1.23	-1.183E-02		.573E		-3.6(6E-01	7
3.800	0.0	37.6	96	-	-1.222E-02	•			-3.725E-01	-1.5396-
3.900	0.0	56.0	36	1	-1.1C7E-02				-3.3736-01	-
4.000	0.0	15.1	4	1.22	-1-136E-02	•	. 584E		-3.463E-01	-1.505E-
4.100	0.0	34.5	5E	1	-1.189E-C2				-3.623E-01	7
4.200	0.0	112.7	20	1	-1.076E-C2		. 6CBE		02 -3.280E-01	7
4.300	3.0	131.4	25	2	-1.071E-02	-5.516E-03	1509.		-3.265E-01	-1.681F
4.400	0.0	145.6	7E	1.22	-1.116E-02				-3.401E-01	7
4.500	0.0	168.4	3	1	-1.1166-02	-5.26CE-03		-202E	-3.403E-01	-1.6096-01
4.600	0.0	167.1	75	1	-1.082E-02		.612€		-3.257E-01	
4.700	0.0	205.5	2E	1.23	-5.767E-03		.602E	.203E	-2.977E-01	-1.5295-01
4. 800	0.0	223.1	SE.	-	-1.076E-02		. 602E	2.20%E 02	-3.200E-01	-1.306E-01
4.900	0.0	242.5	3	-	-1.032E-02	•			-3.146E-01	-
2.000	0.0	50092	36	7.23	-1.042E-02				-3-175E-01	-1.275E-01
2.100	0.0	286.1	-		-1.077E-02	•			-3.281E-01	-1.526E-01
2.200	0.0	1.367	U 1	-	-1.174E-02	•		2.203E 02	-3.577E-01	-
5.300	0.0	317.3	9	`	-1.1426-02	-4.658E-03			-3.482E-01	2
304.00	0.0	336.1	יים	17.7	-1.2031-02				-3.cec-01	:
00000	900	354.5	H .	•	-1.171E-02	-4.670E-03	4.572E 02		-3.569E-01	٠.
200.			U U	7 73	1 1366 03	9		2000	10-2074-6-	:.
2000		2017	1 0075 00		-101356-02	-5.2055-03	4.57.35 02	2 20 45 02	-3.40CE-01	-
200		6.03		,	-1.0216-02	14			1126-01	•
2000	0.0	78.1	, ,	•	-1.1065-02		1836	2.2666 02	-3.3726-01	•
001-9	0.0	97.1	36	,	-1. 0925-02	1 5	5566	100	-3.329F-01	
6.200	0.0	115.4	25	1	-1.077F-02	4.6			-3.284F-01	
6.300	0.0	133.6	SE .	1	-1.630E-02	-5.283E-03		1977	-3.1396-01	
004.9	0.0	152.2	7E	1	-9.486E-03			2.2C7E 02	-2.051E-01	-
6.500	0.0	176.7	ee.	1	-9.764E-03	-4.481E-03			-2.576E-01	-
009-9	0.0	189.5	96	1	-1.121F-02	-4.385E-03			-3.417E-01	
9.700	0.0	208.3	9	1	-9.816E-03	-4.681E-03			-2.552E-01	-427E-
6.800	0.0	226.3	9	-	-5.596E-03	-4.965E-03		3432.	-2.525E-01	-1.513E-01
006.9	0.0	245.0	4	-	-1.C19E-02			.zceE	-3.105E-01	-1.352E-01
2000-	0.0	263.6	iu	-	-9.807E-03	•		2.2CCE 02	-2.589E-01	:
1.100	0.0	282.1	16	1	-1.059E-02	-5.249E-03		.157E	-3.228E-01	-600F
7.200	0.0	301.1	36	1	.048E-0	-4.428E-03	. 575E	-202E	-3-195E-01	-
1.300	0.0	315.4	9.5	-	-1.0596-02	-5.116E-03	397€.	. 20 JE	-3.227E-01	
7.400	0.0	336.1	2E	1	-1.CS6E-02	-5.24 EE-03		.202E	-3.340E-01	-
7.50€	0.0	355.5	20	-	-1.012E-02	-252		CZE	-3.085E-01	-
7.600	0.0	8.4	2 E	-	-1.C41E-02	.378		.266	-3.173E-01	-
7.700	0.0	23.7	8	1.24		•		.207E	-2.886E-01	-1.2846-01
7.800	0.0	47.5	71	-	-C-776 E-03	-4-999F-03	26.75	2 36 86 63	TO TO TO TO	- 1 E SAE
				•	•	•		70 731707	10-3006.7	103646

EXPERIMENTAL DATA

		10101	LENGTH	VE 1 0C 1 1 V	ACCEL.	TENSICA	LENGTH	VELOCITY	ACCEL.
SEC SEC	טוני יוני	LRS	11	FT/SEC	FT/SEC/SEC	GRAP	5	CP/SEC	CM/SEC/SEC
8.000 3.0		u.	1.26	-5.409E-03	-3.671E-03			-2.855E-01	-1-1196-01
100 0.0	1.55	1.0145 00	7.25	-1.037E-02	-4.350E-03	4.555E C2	2.2116 02	-3.16CE-01	-1.326E-01
		6:1	1.24	-1.074E-C2	-3.56 5E-03			-3.275E-01	-1.087F-01
		46	7.25	-1.013E-62	-4.105E-03	355c ·		-3. Ce 76-01	251
		81	7.24	-1.093F-02	-4.155E-03			-3.3C1E-01	267
		15	7.24	-1.C75E-C2	-4.5COE-03			-3.276E-01	-1.372E-01
		35	7.23	-1.014E-02	-4.7936-03			-3.CS2E-01	-1.461E-01
		75	7.22	-1.142E-02	-5.230E-03			-3.480E-01	-1.554F-01
		39	7.23	-5.625E-03	-4.44 2E-03			-2.934E-01	-1.3546-01
		35	7.23	-1.039E-02	-4.815E-03			-3.167E-01	-1.468E-01
		25	7.22	-5.321E-03	-3.58CE-03			-2.841E-01	-1.2135-01
		31	1.23	-1.022E-02	-4.055F-03			-3.115E-01	-1.236E-01
		8	7.23	-1.023E-02	-4.592E-03		2.2C4E 02	-3.117E-01	-1.400E-01
		1.0C7E 00	7.24	-5.857E-03	-3.741E-03		2.2678 02	-3.017E-01	-1.140E-01
		SE	7.24	-1.035E-02	-4.350E-03			-3.156E-01	-1.326E-01
		1.005 00	7.24	-1. C37E-02	-4.470E-03	-	2.2CEE 02	-3.16CF-01	-1.362E-01
		36	7.26	-5.327E-03	-3.59CE-03		2.214E 02	-2.843E-01	-1.094E-01
		8	7.26	-9.851E-03	-4.047E-03		.213E	-3.003E-01	-1.233E-01
		1.0CEE 00	7.26	-1.C85E-02	-2.7896-03			-3.3C9E-01	-8.500E-02
		38	7.26	-9.805E-03	-3.791E-03	4.572E G2	.212E	-2.988E-01	-1.155E-01
		16	7.25	-1.075E-02	-4.147E-03		. : 11E	-3.276E-01	-1.264E-01
		1.013E CC	7.25	-1.067E-02	-4.467E-03			-3.251E-01	-1.362E-01
		5E	7.23	-1.022 E-02	-5.541E-03			-3.116E-01	-1.689E-01
		1.015 00	7.23	-1.101 E-02	-5.146E-03		2.203E 02	-3.354E-01	-1.569E-01
		3	1.24	-1.033E-02	-4.86 7E-03			-3.1476-01	-1.490E-01
		9	7.23	-1.101 E-02	-4.595E-03	. 6C BE	. 205E	-3.357E-01	-1.401E-01
		76	7.24	-1.100E-02	-4.119E-03		-	-3.3536-01	-1.25 (E-01
		4E	7.24	-5.860E-03	-4.69CE-03		2.2CTE 02	-3.005E-01	-1.429E-01
		46	7.25	-9.648E-03	-4.705E-03		7	-2.541E-01	-1.4356-01
	246.2	36	1.24	-5.929E-03	-3.832E-03	4.5546 02	2.207E 02	-3.026E-01	7
		OE .	1.24	-1.005E-02	-4.353E-03		.2CEE	-3.063E-01	1.327
		9	7.24	-1.001E-02	-3.819E-03		. 207E	-3.051E-01	-1.164F-01
		9	7.25	-1.037E-02	-3.154E-03			-3.160E-01	
		16	1.26	-1.024E-02	-3.565E-03		116	-3.122E-01	-1.087E-01
		46	1.26	-1.059E-02	-2.708E-03		_	-3.227E-01	-8.254E-02
		1.0075 00	7.26	-1.C33E-02	-3.821E-03			-3.149E-01	-1.165E-01
		9E	1.26	-9.356 E-03	-4.336E-03			-2.852E-01	-1.322E-01
		1.CC 8F 00	1.27	-1.045E-02	-3.821E-03			-3.166F-01	-1.165E-01
		8	1.24	-5.588E-03	-4.654E-03			-2.922E-01	
		36	1.24	-1.015 E-02	-4.242E-03			-3.C53E-01	~
		3E	1.25	-1.004E-02	-3.763E-03		2.209£ 02	-3 .059E-01	-1.147E-01
		36	1.25	-1.023E-02	-5.079E-03		2.2CSE 02	-3.117E-01	-1.5485-01
		SE	1.24	-8.531E-03	-4.832E-03			-2.722E-01	-1.473F-01
		1.015€ 00	1.24	-5.C87E-03	-4.57CE-03		2.2CEE 02	-2.770E-01	393E
		1.0165 00	67.	-9.34/1-03	-3.91 EE-03	4.6 IOE 02	2.2CSE 02	-2.845E-01	1013610

EXPERIMENTAL DATA

ACOR.	RUN	.1380	TENSION	LENGTH VELOCI	VEL 0C 11V	ACCEL.	TENSICA	LENGTH	VELOCITY	ACCEL.
SEC	Sec	066	LAS	11	FT/SEC	FT/SEC/SEC	GR ##	5	CP/SEC	CH/SEC/SE
12.600	0.0	192.4		1.25	-8.517E-03	-4.65 7E-03	-		-2.556E-01	-1.2491-0
17.700	0.0	510.5	1.C14E 00	7.25	-9.107E-03	-4.8435-03	4.59E 02	2.:11E 02	-2.116E-01	-1.4766-01
12.900	0.0	228.5		1.26	-8.422E-C3	4	3955.		-2.567E-01	
12.900	0.0	247.6		7.26	-6.394 E-03	.64	3255 ·		-2.6436-01	-1.1126-0
13.000	0.0	266.4		1.27	-8.969E-03	•			-2.734E-01	-1.176F-0
13.100	0.0	285.2		1.26	-5. C23E-03			212€	-2.7506-01	-1.152F-0
13.200	0.0	30 3.5		1.25	-9.507 E-03	-3.986E-03			-2.858E-01	-1.215E-0
13.300	0.0	326.1		1.25	-1. CO3E-02		-		-3.058E-01	÷
13.400	0.0	341.4	1.005E 00	7.23	-1.C21E-02		4.555E 02	203E	-3.1136-01	-1.183F-0
13.500	3.0	256.5	CCBE	7.22	-1.035 E-02				-3.155E-01	-1.246E-0
13.600	0.0	1:1	CC 7E	7.25	-5.608E-03	-5. CBSE-03			-2.928E-01	-1.550F-01
13. 700	0.0	26.6		1.24	-9.0508-03	-4.105E-03			-2.7586-01	-1.251E-0
13.800	0.0	45.5	CC BE	1.24	-8.532E-03	-4.411E-03			-2.6CE-01	-1.345E-0
13.900	0.0	64.2	9800	7.25	-5.C61E-03	-3.114E-03	-	3012	-2.762E-01	-9.493E-0
14.000	0.0	93.1		1.26	-6.405E-03	5.C83E-02	-		1.	2.76BE 0
14.100	C- 100	101.7	617	7.25	4.372E-02	7.433E-01	-	2.210E 02		2.266E 0
14.200	0.200	119.9	027	7.28	1.448E-01	1.152E 00				3.5116 0
14.300	0.300	136.5	503	7.32	2.599 6-01	-147E				3.495E 0
14.400	0.400	157.0	9.472E-01	7.37	634E-	1.CO9E 00	4.296E 02	2.245E 02	1.1086 01	3.076E 01
14.500	0.500	175.5	100	1.40	4.572E-01	9.144E-01				2.787E 0
14.600	0.400	194.3	6.194E-01	7.47	5.440E-01	8 -68 7E-01	3	2.278E 02	1.658E 01	2.64EE 01
14.700	0.700	₹12.€	5.656E-01	7.53	6.280E-01	8-5246-01	36	2.256E 02		
14. 500	008-5	230.8	•	19.7	7.110E-01	£ . 503E-01	77		. 167E	2.592E 01
006-51	005-3	245.6	9.2635-01	7.69	7.933E-01	8.500E-01				39 IE
000-61	000-1	5.892	•	87.7	- 760E-				-670E	
301-61	001-1	2010	10-3692-6	98.	9.595 E-01		-	2. 40ce 02	-524E	
007-61	1.200	30205	-16 36-	65.	1.043E 00		7		-175E	
15.300	1.300	324.4	.35	8-10	1.127E 00				.434E	
15.400	1.400	342.3	- 295.	9.24		8.501E-01				
15.500	1.500	242.0	9.15 BE-01	8 34						2.605E 01
209-51	1.600	3.11		8.54	1.374E GO	8.543E-01		2.604E 02	4.167E 01	
15.700	1.700	1.62	•	8.69	7	8.532E-01	The same		.442E	2.601E 01
15.800	1.600	48.6	9.2396-01	8.64	1.540E 00	8.47CE-01	-		693E	2.582E 0
15.900	1.900	1.99		10.6		8-49CE-01			. 947E	2.588E 0
16.000	2.000	85.6	5.1695-01	9.21		10-3668.7	3	2.8CEE 02	5.155E 01	2.406E 0
001-91	2.100	104.2	9.7336-01	6.39	1.767E CO	4.8496-01		2	.386E	1.478E G
16.206	2.200	122.4	5.336E-01	9.57		1.627E-01			5.468E 01	4.958E (
16.300	2.300	146.5	5.2655-01	41.5		-6.179E-04				-1.883E-
16.400	2.400	159.2	9-3705-01	68.6	1.796E 00		4.250E 02	-		-1.400E
16.500	2.500	177.1	9.3C9E-01	10.05		-3.549E-02			5.460E 01	-1.002E
16.600	2.600	196.6	9.4C2E-01	10.19			10000	3	.453E	-4.559E-0
16. 700	2.100	215.0	5.643E-01	10.37		-6.788E-03	4		.451E	-2.069E-0
16.900	2.800	535.5	5.430E-01			5.706E-03			-454E	•
16.900	2.900	251.8	9.243E-01		1.789F CC	1.655E-03	36	3.271E 02	5.454E 01	5.056E-0
17.000	3.000	270.6	5.305F-01	10.01	7007	40-10 G	u	3255	***	
		,	1	•		101700	,		3766	

EXPERIMENTAL DATA

ACCEL.	CM/SEC/SEC	-1.6536-01	1.1926-01	-3.139E-02	-2.570E-02	-7.677F-02	-1.901E-01	8.763E-02	2.1215-02	4.632E-02	-7.4996-02	-2.420F-01	1.0106-02	-5.124E-02	10-3990-1	-6.871E-02	-2.976E-01	-2.503E-02	-2.672F-02	9.1116-02	-2.961E-02	-2.115F-01	-1.900F-02	-1.162E-01	8.577E-02	-1.1006-03	-1.8136-01	-4.603F-02	-1-447E-01	4.0216-02	70-3676-6-	10-30-6-1-	-1.5206-01	6-210F-02	-3.037E-02	-1.3346-01	5.8456-02	-1.5435-01	3.707E-02	-2.7666-02	-1.5636-01	3-1395-02	-8.7636-02	2.732E-02	-6.524E-02	-1.462E-01
VELOCITY	CP/SEC	.453E	.45CE	-450E	.452E	.461E	.458E		.457E	.463E				5.459E 01		38E		25E	55E	316		45 2E	450E	4486	450E	158E	55E	456E	451E	5.459E 01		5.460E 01	4586	SEE	454E	53E	586	52E	5.451E 01	399	466	449E	96	450E	16	456
LENGTH	ð												FF	w	.136E	. 154E		300	. 255E			4.517E 02				. 731E	. 78 3E		- 8816			5.050E 02														
TENSICN	CRAP		348	309	351	302	309	356	176	376	BCE	181		4.200£ 02					4.15et 02			4.2C4E 02				4.210E 02		186	319		100	4-138E 02		4.205E G2		128	2166	1576	1446		350	1716	166	186€	24E	1516
ACCEL.	FT/SEC/SEC	-5.42 ¿E-03		•		e.		2.875E-03		. 520			3.312E-04		m	2.254	5	-8.210E-04	•		-5.7135-04	-6.939E-03	ö	E 7.7	N	m)	~		÷.	1.319E-03	-1.61 /E-U3	-6.350E-03	-4. GF 7F-03	2.037E-03	-9.964E-04	-4.375E-03	1.918E-03	.062	1.216E-03	-5.073E-04	5.12	.03	-2.675E-03	ě	-2.140E-03	4.795E-
GTH VELOCITY	FT/SEC	368	1.789 5 00	1.788E CC	368				1.790E 00					_		1.791 6 00					1.789€ 00			1.7876 00				1.790E 00				1.7016 00			1.789E 00								1.7875 60			306L
LENGTH	FT	11.27	11.43	11.62	11.80	12.01	12.17	12.34	12.52	12.65	12.88	13.64	13.21	13.40	13.57	13.76	13.54	14.11	14.29	14.46	14.64	14.62	14.58	15.16	15.34	15.52	15.69	15.65	19.91	16.21	10.27	16.31	16.93	17.09	17.26	17.43	17.63	17.81	17.58	18.14	18.31	18.48	18.65	18.83	19.04	19.21
TENSION	Les	9.252E-01	5.225E-01	5.128E-01	\$.293E-01	5.3C4E-01	9.1295-01	9-1155-01	5.25 EE-C1	9.2525-01	\$.216E-01	5.3C0E-01	5.281E-01	5.260E-01	9.3536-01	9.367E-01	5.322E-01	9.335E-01	9.251E-01	9.225E-01	9.2446-01	5.269E-01	5.233E-01	9.152E-01	5.130E-01	9.282E-01	5.352E-01	10-36136	9.14ZE-01	5.359E-01	3.5115-01	5.15.1E-01	9-392F-01	9.271E-01	9.1CEE-01	9.158E-01	9.2948-01	5.252E-01	5.137E-01	9.128E-01	5.271E-01	\$ -156E-01	9.078E-01	6.2296-01	9.212E-01	5.241E-01
0861.	DEG	307.€	326.2	345.	3.505	12.5	31.5	50.1	68.6	91.4	105.8	123.1	141.5	156.6	178.4	197.2	512	234.0	252.5	271.6	290.1	308.4	326.5	345.3	206.5	12.8	31.4	2000	68.6			163.1	160.4	179.0	197.5	216.4	234.3	253.1	271.6	290.3	306.1	326.5	346.6	192.1	13.7	35.5
RUN	SEC	3.200	3.300	3.400	3.500	3.600	3.700	3.800	3.500	4.000	4.100	4.200	4.300	4.400	4.500	4.600	4.700	4.800	4.500	2.000	2.100	2.200	2.300	2.400	2.500	2.600	2.700	003.5	006-6	000.9	001.0	00.500	004-9	6.500	6.600	9.700	6.800	005.9	1.000	1.100	1.200	7.300	1.400	1.500	7.600	7.700
ACD4	250	17.200	17.300	17.436	17.500	17.500	17.730	17.300	17.900	18.000	18.100	18.200	18.300	18.400	18.530	16.600	18.700	18.800	18.900	19.000	19.100	15.200	19.300	15.400	19.500	19.600	15. 700	19.800	19.900	200.22	20.100	20.300	20.400	20.500	20.600	20.700	20.800	20.500	21.000	21.100	21.200	21.300	21.400	21.500	21.600	21. 100

EXPERIMENTAL CATA

PC08	RUN TIPE	CSC1.	TENSICA	LENGTH	VEI 0C 11Y	ACCEL.	TENSICA	LENGTH	VELOCITY	ACCEL.
SEC	Src	CFC	1. RS	11	FT/SEC	F1/SEC/SEC	GRAP	t	CW/SEC	CM/SEC/SEC
1.800	7.600	3116	S.C75E-01	15.38	1.789 6 00	-1.4928-03	4.118E 02		5.454E 01	.1.
1.900	7.900	9.59	9.1405-01	19.56	1.789E CO	-2.641E-03	146E	5.961E 02	5.4546 01	-8.051E-02
2.000	9.600	FP.4	5.767E-01	14.11	₹3561.	2.8785-03	203E		5.461E 01	.172E-
2.100	001.8	106.6	5.3CE-01	19.53	.793€	-2,7165-03				
2.200	8.200	125.1	9.2025-01	20.11		-6.446E-03			3094.	
2.300	8.300	143.6	5.211E-01	20.29	-791E	-2.444E-03	4.178E 02		5.46CE 01	*
5.400	8.430	161.8	5.346E-01	20.48	3162.	-805E-			3654.	551F
2.500	8.500	186.4	5.351E-01	20.65	.791E	4.5E7E-03			5.46CE 01	.520E-
22.400	9.400	195.2	48E-	20.64		-3085.			5.456E 01	
2.700	8.700	217.7	9.2CEE-01	21.62				3934	4	-1.229E-01
2.866	8.800	235.5	=	21.17	368₺	-2.961E-03			.45	
2.900	8.500	5.4.5	5.36 IE-C1	\$2.15	3682 €	-4.425E-03		6.5C4E C2	5.452E 01	-1.3496-01
3.000	06.006	273.9	23	21.50	. 788F	2.382E-03			-450E	
3.100	2.100	292.3	25	21.67	368₺	-1.291E-03			5.451E 01	-3.936E-02
3.200	9.200	310.5	=	53.12		-32 SE-			.452E	
3.300	9-300	329.6	20E-	25.02		-4.631E-03				-1.4125-0
3.400	004.6	346.3	5.2545-01	55.19	.787£	-6.101E-03		_		
3.500	9.500	153.6	5.294E-01	22.38	.789E	3.741E-03			*	
3. 600	009.6	15.7	9.2475-01	52.59	.751E	1-6255-03		6. EESE 02	5.458E 01	4.9546-0
3.700	001.5	34.3	5.2815-01	22.11	.791E	-3800·			5.459E 01	1.2226-0
3.800	6.800	53.0	9.239E-01	22.94	1.789E CO	-2.380E-03			5.4536 01	-7.2536-02
3.560	005.6	71.7	9.210E-01	23.12	-790E	-8.322E-03		7.04EE 02	5.455E 01	-2.536E-01
0000	10.000	96.1	5.2CE-01	63.32	191E	-5.928E-04			-459E	-1.607E-0
001-	10-100	10601	5.2ere-01	23.48	- 192E	-1.364E-04				-4-157E-03
007.	10.200	121.5	5.353E-01	23.60	1926	3.532E-03		7.612E 02	10 ct	1.0776-01
2000	005.01	7.00	9.3545-01	63.63	1316	40-361.7			386	0-1201-0
200	004-01	10401	7.35EE-01	24.00	1001	-8-1335-03		7. 3636 02	1336	0-36167-
200	200	202 2	2 2 4 0 5 - 0 1	24. 22	2000	-2.3005-03				10000
700	10.700	2202.5	C. 3525-01	24.40	7805	4.102E-03	4.2426 03		10 3624-6	26.05
800	10.800	236.6	6.3118-01	24.66		1.2226-03	2236		225	3. 724E-0
006.	10.900	257.7	9.3185-01	24.83	1.7895 00	-7.507E-03	4-227E 02	7.567E 02	5.4536 01	-2.410E-01
2.000	11.000	276.4	5.360F-01	54.59		-4.038E-03				E
9.100	11.190	295°C	5.325E-01	25.18		-2.577E-03			18 E	-7.855E-02
2.200	11.200	313.3	5.301F-01	25.36		3.00¢E-03	4.21SE C2		5.44EE 01	7
5.300	11.300	231.5	5.2485-01	25.53		2.8581-03			5.450E 01	
2.400	11.400	350.8	9.2025-01	25.70		-7.122E-03		7.834E 02	.448E	7
2.500	11.500	101.5	5.227E-01	26.42		-4.281E-03	. 1856		.453	-1.305E-01
5.600	11.600	16.5	9.147E-01	26.13		-4.256E-03			31 54.	
2.700	11.700	37.2	9.1825-01	26.30	- 790E	-38 4E-			55E	٦.
2.800	11.600	55.5	9.246E-01	26.47		.818		3590 ·	-456E	1.468F-01
2.900	11.900	74.5	5.339E-01	26.63	ш	.505			5.457E 01	
6.300	15.000	93.4	-315	26.85	w	2.157	7E		5.459E 01	-574F
6.100	15.100	111.6	36E-	27.02	306L	1	396	8.235E C2	5.457E 01	
6.200	17.200	129.8	29	27.18	1.790E CO		4.186E 02		5.457E 01	-911F

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EXPERIMENTAL CATA

RCJP R		TENSICN	LENGTH	VEL UC ITY	ACCEL.	Tensien	LENGTH	ACCOUNT	ALLEL
	SEC CEC	1.85	14	FT/SEC	F1/SEC/SEC	GRAP	đ	CP/SEC	CM/SEC/SEC
1 204	400 166.5	5.265%-	27.52	1.7906 60		4.212E 02	.385E	-	-9010
-	2.500 185.3	9.76	27.70	1.790E CO	-:	.21 1E		-454E	2.180E-02
-		5.25	27.88	3681	10.	3	31 5 4.	36	1396-
7		2.20	28 · C5	1.789E CO	-4.225E-03	.175E	.55CE	*	288E-
-		91.6	28.21		3.07	£ E	3009.	-447E	382€-
-		5.20	28.35		4.		3: 59.	316	-474E-
_		5.24	æ			2 E	.705€	5.453E 01	199
-		5.18	28.74		-4.045E-03	3	31 91 .	.450E	13T
-		5.12	28.53	1.788E 00			.817E	3544.	325E-
_		51.5	59.69		-1.723E-03			1445	25 1E-
_			29.27					.445E	-3.351E-02
_		5.16	29.41		4.019E-03		8.5828 62		1.2256-01
-		9.12	29.63	u.				*	-6.727F-02
-		5.14	29.80					.455E	547E-
_		9.19	29.67		-3.412E-03			~	-040E
_		9.16	30.13		-2.594E-03	. 156E		.453E	196F
_		5.13	30.33		3.487E-03	.142E	. 245E	376	063E-
	14.100 112.1	9.18	30.51	uı	9	.165E		₹296	-6.252E-02
_		9.25	30.69		-1.575E-03	. 15 eE		.458E	-4.801E-02
_		5.24	36.86		-6.170E-03	36		_	188
_	4.400 167.3		21.05		151	. 115E	9.463E 02	-456E	-9.603E-02
		9.14	31.21		2.0	. 148E		.455E	116
		9.1.	21.38		4			53E	12
		60.6	31.56			105		376	4.530F-02
		2.00	31.74	1.788E 00		1106		SCE	146
		5.3	26.15			3/77		100	2
		5.36	32.09	1.7876 66	C 8 C	1967	. 18 18	3866	305-
		7.1.5	27.75		. 200	3001	35.00		13.6
	2000 222 6	10-345-01	24.75	1 7975	4.0346-03	4.002E 02	9. case 02	10 3044.6	10-3716-1
10			22 34			1606		7777	7000
U		0 0	32 05		-3 95 GE-03	1836		4486	106
			24.16					3	0
		9.6	£3.34			390		449E	4
		9.6			5.427E-04	1046		.453€	654E-
		9.1	(1)		-4.272E-03	43E		.453E	-302E-
-		9.21	m		-3.109E-03	361	.034€	458E	476F
		5.1	9	w				.460	232
30.200 16.	16.200 130.8	5.	"		3.615E-03		-044E	456E	1.102E-01
_		9.16	34.43		-1.753E-04		. 045E	.455€	711
-		5.17	34.61		1.38 EE-03	6 1E		4	1
-		31.5	34.78	0	-1.1478-03	319	.06CE	5.454E 01	195F
16		4.54	•	9E 0	.076	3651 ·	. 666	31	152E-
16	.700 222.6		35.11	18	2	1161.	CICE C	5.451E 01	.72
91		5.17	ď	1.788F CC	. 762	4.162E 02		7	-5.370F-02
									-

EXPERIPENTAL CATA

VAPIFRE LENGTH CAELE SYSTEMS DYNAMICS

					751 70 137	10000		71.000	200000	ACCEL
KCDP TI4F	NON T	ANGLE	ENSIEN	LENGTH	ALL OC III	ALLEL	IENSICA	CENGIN	AFFORDIA	ALLELO
SEC	SEC	CEG	1.85	11	FT/SEC	F1/SEC/SEC	GRAP	t	CP/SEC	CN/SEC/SEC
1.000	Ī	1.375		25.60		-2.895£-04	4.150E 02	1.CESE C	5.447E 01	-8-623E-03
1.100		296.9	-	35.75		-5.767E-03		1. CSCE 03	10 39446 01	-1.758E-01
1.266		315.4	.1896	35.53		-2.925E-03		0	2	-8.916E-02
1.300		334.1	5.110E-01	36.10		-6.2096-03		0	42E	893E-
1.400		352.6	90.	36.28		4-135E-03		0	5.4406	1.2615-01
1.500		63.0	\$5.	36.50		4.320E-03		0	5.450E	1.3176-01
1.600		20.€	2	36.76		-3.476E-03		0	5.455E	-1.060F-01
1.766		35.2	.18	36.87		-2.530E-03		o	5.452E	-
31.800	17.800	51.5	5.2CBE-01	37.03	1.788E 00	-5.781E-03	4.1776 02	1.129E 0	3644	-1.762E-01
1.900		76.5	.30	37.21		2.8335-03		1.134E 03	1 5.4526 01	8-636F-02
2.000		95.5	5.254E-01	37.43		3.858E-03		1.141E 0	57E	10-1765-01
2.100		113.7	\$. 171E-01	17.61		-2.959E-03		1.1466 03	376	-9.018E-02
2.200		132.2	. 22	37.79		1-1835-03			5.455	3.605E-02
2.300		156.7	. 26 1E	37.57		-5.4116-03		1.157E 0	5.450E	-1.649E-0
2.400		165.2		38.12		-7.06SE-04		1.162E 03	5.450E	-2.155F-02
2.500		188.2	9.154E-01	38.29		2.451E-03			5.4	7.592E-02
2.600		206.€	•	38.44	1.788E 00	2.1075-03		1.172E C	5.449E	6.422F-02
2.700		554.5	=	38.60	1.787E CC	1.38 CE-03		1.177E 03	5.4	
2. 600		243.4	.20	38.77	1.788E 00	-6.E75F-03			5.449E	-2.095E-01
2.900		262.6	9.222E-01	38.55		-2.961E-03	4.183E 02		5.4476	-9.026E-02
3.000		286.7		39.13		-1.767E-03		1.1528 03	10 394+°5 01	-5.387E-02
3.100		256.5	0	39.56		8-127E-04		-	5.445E	2.477E-02
3.200		317.4	5	29.33		5.561E-03		1.199E 03		1.6956-01
3.300		336.2	8.9875-01	39.46		-4.793E-03		1.203E 03	10 3444 01	-1.461F-01
304.6		353.6	3	39.64		-2.213E-03	.120E	1.2CEE C		-74F
3.500		. 1.E		39.89		-4.840E-03	-146E	0	5.452E	-1.475F-01
3.600		23.1	7	40.08		-1.417E-03	- 135E	0	5.453E	-4.318E-0
3.700		41.6	3	40.23		8 · 39 4 E-03		0	5.4	2.559F-0
3.800	19.800	9.09	9.019E-01	40.41	1.788E CC	-		0	316	-2.273E-02
3. 500		15.5	9	40.60		-1.642E-03		0	5.452	-5.005F-0
0000		26.6	5.153E-01	40. 60	1. 790E OC	-5.369E-03		0	5.457E	-1.636E-0
001.		116.5	.21	40.07		?		. 245E 0	5.452E	-1.595FD
4.200		135.1	-	41.14		2.5436-03		0	3 5.457E 01	1. CBOE-01
4.300		153.5	=	41.28		.23		0	5.451E	-1.900F-02
4.400		172.0		41.46		2.1646-03		1.264E C	20	8-424E-02
4.500		196.1	.16	41.63	ш	-2.986E-03		1.265E 03	10 3844.6	
4.600		200 .2	~	41.60		-5.65CE-03		0	4.5	-1.722E-01
4. 700		257.2		41.57				0	3	7
4.800		245.1	5.123E-01	45.14	1.787E CO	-1.027E-03		S	5.446E	-3.130E-02
4.900		264.4	6	45.31		6.168E-03		1.250E 03	10 3944°S 01	1.8806-01
2.000		283.2	5.	45.49		-1.870E-03		1.255E 03	10 3944°S 6	1
2.100		301.4		45.65				1.300E 03	10 3+44E 01	138
5.200		319.6	.137E	42.84	96E		4.144E 02	1.3CEE 03	3 5.442E 01	-8.7635-02
5.300		336.6	.125E	43.01		-2.213E-03		1.211E C	3 5.441E 01	-6.74E-02
204.5		325.6	9.062F-01	41.17	7065	4 1675-03		. 3166	-	-
			-		20 2001		1110	10 3010 0	30440E 01	1.0000

EXPERIMENTAL CATA

ACCEL.	CN/SEC/SEC	-1.576E-C2	-4.920E-02	-2.5136-01	3.6736-02	5.0906-03	6.303E-02	1.2395-02	2.6376-	-2.375€-03	1.9516	1.2366-01	1.2716-01	-1.7506-01	-1.3926-01	-1.4336-01	7.6435-02	10-4-1	-9.633F-02	70-15-15-15-15-15-15-15-15-15-15-15-15-15-	-2.7826-02	1.4036-01	4.785E-02	9.4336-02	-2.176F-01	-1.1165-01	-9.3196-02	-5.011E-02	2.2686-01	20-32 20 · C -	-1.1215-01	-6.354F-02	2.1076-01	5.0906-03	-7.194E-02	-1.4356-01	-1.5976-01	4.386E-02	-6.023F-03	2.105E-01	2.132F-02	-2.207E-01	-4.123F-02	-670	707
VELGCITY	CW/SEC		3644°	•	449E	.455E			-					5.447E 01			175		1100				5.4486 01						316	300	20 3445	777				3044.	.439E	38	3644	49E	5.451E 01	447E	20E	32	
L ENG TH	å	1.325E 03	1, 3346 03		344			3616	***		-			3636			3534		1916		3767		447E					346	1806		1 4556 03	4004	504E	3536.	3515	3615€	. \$25E	\$30E		44E	.549€	1.554E 03	1.56CE 03	367E	
TENSICA	GRAP		112E		4-120E 02			1216	144E	1638		147E	3261	. 122E		128E	051E	1690	906	300			3990€	. C60E	€50.	136€	406	.1226	1006	3011.	4.1488 02	215	1586	1456				1686	3950 €		.1136		107E	136	
ACCEL.	F1/SEC/SEC	7	-	8.24	1.20	1-6705-04	2.068E-03	063	-8.6536-03	7.7936-	-6. 4C1E-05	4.055E-03	4.169E-03	0	4	-4. 701E-03	2.50 8E-03		- 0	40	-6-330E-03		1.570E-03	3.095E-03	-7.139E-03	14.1	-1.745E-03	-1.906E-03	7.439E-03	50-3001-1-	-3.679E-03	. 17		1.67CE-04	-2.360E-03		-5.238E-03	1.439E-03	-1.576E-04	6.919E-03	8.962E-04	-7.242E-03	-1.3531-03	-2.844E-03	
VELOCITY	FT/SEC		1.788F 00							1.788E 00		141		1.787E CO			786E	785E	785	1076	7875				3681					1887	1.786 CO	7866	786E	786E		85E									
LENGIA	11	43.61	43.77	43.91	53.45	44.31	44.48	44.66	44.E2	45.00	45.17	45.34	45.51	45.71	45.67	40.04	46.21	46.37	46.53	20.00	40.33	47.29	47.47	47.66	47.85	49.04	48.21	48.36	48.56	48.13	95.84	49.19	48.34	15.65	49.67	49.84	50.05	50.20	50.48	50.65	50.63	20.59	51.19	21.40	Control of the control
IFRSICA	LBS	10-3420-5	141	111	L	u	1 LL	u	LU	5-117E-01	w	w	1	14	1	w	W 1	8.5725-01	ש נ		0 001E-01	4 L	8.5645-01	4	Lis	w	-	1	9.052E-01		9-144E-61			111		111	111		u	111	9.0685-01	u	111	9.068E-01	
ANCI F	CEC	25.4	44.0	62.4	81.5	100.0	116.2	136.5	155.1	173.7	192.5	210.5	22€.€	247.5	266.1	284.4	302.3	350.5	339.6	31004	25.0	44.5	(3.3	82.2	100.5	119.6	137.3	155.6	174.2	3.761	228.4	244.6	265.4	283.5	302.€	320.2	335.6	307.5	7.5	26.6	45.0	63.7	82.6	101.1	
TIME	SEC	21.600	21.730	21.600	21.900	22 .030	22.100	22.290	22,300	22.400	22.500	22.400	22.700	22.800	\$7.900	23.000	23.100	23.200	23 .00	23.500	005-62	23.700	23.800	23.500	24.000	24.100	24.200	24.300	24.400	24.500	24.700	24.500	24.900	25.000	25.100	25.200	25.300	25.400	25.500	25.600	25.700	55.800	55.500	25.000	
114	SEC	35.66	35.700	35. 666	35.900	36.000	36.166	36.200	36.300	36.400	36.500	36.600	36.700	36.800	34.900	37.000	37.100	31.200	37.300	33.500	37.400	37.700	37.800	37.900	38.000	38.100	38.200	38.300	38.400	20.200	38.600	38.800	38.900	39.000	39.100	39.200	39.300	35.400	39.500	36.600	39.700	39.800	39.900	40.000	- 1

EXPERIMENTAL CATA

VAPIABLE LENGTE CARLE SYSTEMS DYNAMICS

TIME	TINE	ANGIE		TENOL I	*******	ACCEL .	.cmarem	remoin.		***************************************
SEC	SEC	0.56	res	FT	F1/SEC	F1/SEC/SEC	GRAP	t	CP/SEC	CM/SEC/SEC
.c.20c	26.200	137.5	5	\$1.14		1.252E-03	4.117E 02	3715	.451E	3-817E-02
008 -01	26.300	155.8	9.1525-01	51.52	1.7835 00	-5.C85E-03	4.151E 02	1.582E 03	10 3645°S	-555e-
10.400	26.403	174.2	4	52.07	1.784 00	-9.258E-02	ш	1. 58 7E 03	.438E	822E
40.500	26.500	193.3	5.44 IE-01	52.24	1.755E CO	-4.726E-01	82E			44 DE
009.00	26.600		9.6785-01	52.45		-7.89 9E-01	4.350E 02			-
0. 700	26.700		1	52.56						864E
006.0	26.830		75	52.74	. 433E	-1.843E 00	3676.		4.368E 01	3819
006.0	26.500		T.	52.81	8.887E-01	-2.131E 00	.85EE		3631.	-6.496E 01
1.000	27.000		E.	52.87	3.145E-01	-2.135E 00	877E	1.6116 03	9.586E 00	.507E
1.100	0.0		1.059€ 00	52.50	£. 728E-03	-2.C33E 00	. 985E		2.660E-01	196E
11.200	0.100		8.644E-01	52.82	-7.902 E-02		31 76	€1CE	-2.4CBE 00	30 9E
1.300	0.500		7.3305-01	52.F1	-6.683E-02	2.953E-01	3256		-2.C37E 00	.002E
1.400	0.300		1.5965-01	52.64	-3.493E-C2	2.576E-01	3944·		-1.065E 00	9.070E 00
1.500	0.0		9.106E-01	52.54	1.454E-02	1.510E-01	1306	1.614E 03	-4.431E-01	4.603E OC
1.600	0.0		1.0765 00	55.53	. 529	3.8CJE-02			-1.685E-01	1.1836 00
1. 700	0.0		E	52.87	-3.175E-03	-1.458E-02	5.22GE 02		-1.151E-01	-4.445F-01
1. 800	0.0		1.100E 00	52.85	-5.879E-03	-2.287E-02			-1.792E-01	-6.971E-01
1.900	0.0		9.657E-01	52.87	-E.954E-C3	-1.6CCE-02	3886		-2.729E-01	-4.877E-01
2.000	0.0		8.605E-01	52.89	-1.010E-02	-1.007E-02	. 903E		-36L3.	-3.069E-01
2.100	0.0		6.347E-01	52.86	-1.0396-02	-4.487E-03			-3.167E-01	-1.367E-01
2.200	0.0		u !	52.EE	-5.897E-03	-1.62 6E-03		1.6116 03	-3.0176-01	3
2.300	0.0		1.010E 00	52.83	-1.062 E-02	-3.880E-03	w		-3.238E-01	1836-
2.460	0.0		2	\$2. 85	-1.031F-02	-3.471E-03	3016		-3.1416-01	-1.050E-01
2.500	0.0			52.84	-1.035E-02	-4.345E-03	. 8816		-3.155E-01	:
2.600	0.0		1.0025 00		-1.020 E-02	-3.582E-03			-3.108E-01	1.092E-
2007	0.0		9-1545-01		-5. /64E-03	-3.935E-03	30/10		-2.976t-01	:
2000	0.0		8.8295-01		-5.290E-03	-3-224E-03			168-7	-
306.7			7.05		-3.319E-03	-3.440E-03			10-3663.7-	-10-20 CD -1-
3.000	0.0		10-1491-01		-5.440E-03	-4.051E-03	. \$22		-2.877E-01	-1.247E-01
30100			00 3670-1		-3.8835-03	-3.6295-03			-3.012E-01	10-1001-1-
3.500			1.0200	25.50	-1° 000-02	1 31 35 03	36600		10-3610-6	-0.303E-02
3 400		221 8	10-3026-0	52. 81	-0 5625-03	-2 1495-03	4.3646 02	1 4166 03	10-3616-01	20-19-20-
3.500	0.0		C.C. 75E-01	62. BG	-0.3505-03	-2.76 9E-03			-2 86 36-01	44.6
43.600			9-1635-01	52.85	-9.6365-03	-2. 785F-03	4.136F 02		636	-8.500F-02
3.700	0.0		5.6395-01	52.84	-9.718E-03	-3.034E-03	. 37.2E		-2.562E-01	-9.247E-0
3.800	0.0		1.005E 00	52.64	-1.C59E-C2	-2.847E-03	. 559E		-3.227E-01	-8.678F-0
3.96€	0.0		1.020E 00	52.87	-1.106E-02	-4.217E-03	.6248	611E	-3.371E-01	-1.285E-01
300.4	0.0		5.56 3E-01	52.89	-1.055 E-02	-4.311E-03			-3.216E-01	-1.314F-01
4.100	0.0		9.590F-01	52.84	-5.549E-03	-3.203E-03	4.350E G2	1.610E 03	-3.033E-01	-9.764E-02
4.20C	0.0		5.368E-01	52.87	-1.007 E-02	-3.443E-03	.245€		-3.070E-01	-1.049E-0
4.300	0.0		5.429E-01	\$2.65	-5.611E-03	-3.100E-03	277E		-2.929E-01	-9.450E-02
4.400	0.0		9.7166-01	52.85	-5.504F-03	-2.535E-03	4 C 7 E	1.611E 03	-2.897E-01	-7.728E-02
305.4	0.0		4	52.86	-1.030E-02	-2.572E-03			-3.139E-01	-9.060E-02
009.4	0.0		1.007E 00	52.63	-5.544E-03	-2.51 CE-03	4-370F 02		-2-909F-01	-7-652F-0
The state of the s						,				

EXPERIPENTAL CATA

ACCEL.	CH/SEC/SEC	-6.31 1E-02	-5.370E-02	-4.700E-02	-6.413E-02	-5.531E-02	-7.304E-02	-8-101E-02	-8.585E-02	-9.332E-02	-8.008E-02	-7.643E-02	-1.039E-01	-9.052E-02	-7.067E-02	-6.269E-02	-8.907E-02	-7.338E-02	-6.897E-02	-6.362E-02	-9.026E-02	-9.807E-02	-8-149E-02
VELOCITY	CP/SEC	-3.146E-01	-2.830E-01	-2. 639E-01	-2.825E-01	-2.876E-01	-3.C3CE-01	-2.902E-01	-2.885E-01	-2.8C4E-01	-2.922E-01	-2.548E-01	-2.970E-01	-3.105E-01	-2.985E-01	-2.946E-01	-3.043E-01	-3.07CE-01	-3.029E-01	-2.585E-01	-3.111E-01	-3.218E-01	-3.1316-01
LENGTH VELOCI	\$	1.61CE 03	1.610E 03	1.41CE C3	1.609E 03	1.6CSE 03	1.60EE 03	1.609E 03	1.611E 03	1.6116 03	1.610E 03	1. €1CE 03	1.6126 (3	1.6126 03	1.412E C3	1.6118 03	1.411E 03	1.411E 03	1.611E 03	1. E11E C3	1.41CE 03	1.41CE 03	1.4166 03
TENSICN	GRAP	4.367E 02	4.283E 02	4. 28 IF C2	4.357E 02	4.447E C2	4.4728 62	4.+41E 02	4.358E 02	_		4.366E 02		4.48CE G2	4.456E G2	4.399£ 02	4.361E G2	4. J68E 02	4.404E 02	4.451E C2	4.461E 02	4.434E 62	4 1835 03
ACCEL.	F1/SEC/SEC	-2.6716-03	-1.7625-03	-1.542E-03	-2.104E-03	-1.815E-03	-2.396E-03	-2.658E-03	-2.617E-03	-3.062E-03	-2.62 7E-03	-2.50 8E-03	-3.409E-03	-2.570E-03	-2.318E-03	-2.057E-03	-2.52 ¿E-03	-2.407E-03	-2.263E-03	-2.C67E-03	-2.9616-03	-3.217E-03	2 4006-03
CTH VELOCITY	FT/SEC	-1.0326-02	-5.2846-03	-9.313F-03	-5.269E-03	-5.437E-03	-9.941 E-03	-c. 521E-03	-9.466 F-03	-9.200E-03	-5.588E-C3	-5.672F-03	-9.744E-03	-1.C19E-C2	-9.793E-03	-9.66E-03	-6.584E-03	-1.037E-02	-9.538E-C3	-5.807E-03	-1.021E-02	-1.056E-C2	-1 0375-03
LENGTH	13	52.61	52.82	52.81	52. €€	52.75	52.77	52.80	52.85	52.85	52.64	52.82	\$2.89	52.89	52.87	52.85	52.86	52.87	52.87	52.84	52.84	52.62	E3 01
IENSI CN	res	5.6285-01	9.4425-01	9.437E-01	9.6CLE-C1	9.8655-01	10-3653.5	5.750E-G1	5.6GRE-01	5.413E-01	9.452E-01	9.625E-01	5.8CE-01	9.8775-01	5.823F-01	9.657E-01	S.614E-01	5.6295-01	9.7106-01	5.813E-01	5.825E-01	10-34216	10 4435-01
uscı.	ANGLE	253.1	272.6	291.1	305.4	327.6	346.8	185.8	13.5	32.8	51.5	16.4	85.5	107.6	125.8	144.5	162.7	181.4	6.561	218.6	235.5	254.6	273 4
RLN	SEC	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	
RCDA	SEC	44.600	205.44	45.000	45.100	45.200	45.300	45.+00	45.500	45.600	45.700	45.800	45.300	46.000	46.100	46.200	46.300	46.400	46.500	76.60€	46.700	46.800	7 000 77

EXPERIMENTAL DATA

K−01	ACCEL.	CM/SEC/SEC	-	-	-1.488E-01	-1-4196-01	-1.412E-01	-1.289E-01	-1.514E-01	-1.519E-01	-1.137E-01	-1.504E-01	-1.354E-01	-1.525E-01	-1.448E-01	-1.4016-01	10-10-01	-1-159E-01	-1.192E-01	-1.139E-01	-1.5136-01	10-384-01	10-1066-1-	-1.2476-01	-1.371E-01	-1.5736-01	-1.381E-01	-1.3346-01		-1.577E-01
CATA PARAPETERS 10 = 84 10 = 84 NCHN = 6 NMFC = 60C0 KV = 4.640E-01 KA = 4.64CE-01	VELOCITY	CP/SEC	-4.464E-01	-4.256E-01	-4.304E-01	-4.350E-01			-4-169E-01	-4.214E-01		-4.266E-01					-3.9836-01							-3.972E-01				-3.756E-01	-3.553E-01	-3.560E-01
CYNAMIC C.10 0.50	L'ENCT!	ð		1.748E C3		14CE	1.7436 03	1.746E 03		1.1456 03						1.7466 03		1.74EE 03			ш.			1.7466 03					-	1.7476 03
	TENS ICA	CBZP	4.4CGE C2	4.4456 02	4.435E 02				4-420E 02			4-4466 02				4.460E 02		443E					4.4666 02				1	4.430E 02		4.450E 02
OSCILLATOR PARAMETERS MODE	ACCEL.	F1/SEC/SEC	-5.46 SE-03	-5.358E-03	-4.882E-03	-4.656E-03	-4.633E-03	-4.229E-03	-5.058E-03	4	-5.658E-03	-4.933E-03	-4.441E-03	-5.004E-03	-4.752E-03	-4.59 EE-03	-3-64 2F-03	-3.803E-03	-3.911E-03	-3.738E-03	-4.56.5E-03	-4.52 UE-03	-4-905E-03	-4.052E-03	-4.497E-03	-5.160E-03	-4.531E-03	-4.375E-03	-4.81 7E-03	-5.174E-03
REEL-IN 1.00 2.00 2.00 44.00 55.00 5.90	GTH VELOCITY	FT/SEC	-1.465E-02	-1.410 E-02	-1.412E-02	-	-1.385E-02	-1.378E-02	-1.4256-02	-1.3836-02	-1.365E-02	-1.400£-02	-1.3706-62	1.381E-32	-1.360E-02	-1.341E-02	-1-307 E-02	-1.332E-02	-1.345 E-02	-1.371E-02	-1.3386-02	-1.340E-02	1.350 6-02	-1.3035-62	-1.320E-02	-1.272E-02	-1.283E-02	-1.246E-02		-1.308E-02
FP 52 FT FT	LENGTH	11	57.28	57.33	67.33	57.27	57.20	62.16	67.78	57.25	57.30	57.33	57.30	57.29	57.29	57.29	67.28	57.27	57.26	57.23	57.21	27.20	47.18	57.29	57.30	57.28	57.28	57.32	57.35	57.33
CTICA CTICA CENTION. CTIV, FPS CTIVE SEC. TIME, SEC. TALLENGT.	TENSION	. Les	9.7005-01	•	5.176F-01	5.733E-01	9.710E-01	725E-	9.7446-01			5.802E-01	8225-			9.8325-01				•				9.725E-01			•			5.8118-01
NAT PER CONTRACTOR OF THE CONT	CSCL.	DEG	265.0	284.1	321.4	340.3	308.6	7.0	44.5	63.1	81.5	100.6	137.2	155.4	173.6	192.5	228.5	247.4	266.1	284.1	. 20	10175	10		26.0	***	63.3	82.6	100.	137.6
	NO.	SEC	3.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0	0.0	0.0	0.0	0.0	0.0	200
	RCOR	SEC	0.0	0.100	0.200	00,00	0.500	2000	0.800	006-0	1.000	1.100	1.300	1.400	1.500	1.600	1.800	1.900	2.000	2.100	2.200	2 400	2.506	2.500	2.700	2.800	2.900	3.000	3.100	3.360

EXPERIMENTAL CATA

					21. 11. 13.			NETOIC	- INITE	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
RC 34	RCN	esch.	TENSICN	LENGTH	ENGTH VELOCITY	ACCEL.	TENSICA	LENGTH	VELOCITY	ACCEL.
1136	TIPE	ANCLE								
SEC	SFC	CEC	185	F 1	FT/SEC	F1/SEC/SEC	GRAP	t	C#/SEC	CM/SEC/SEC
3.466	0.0	155.3	5.8CPE-01	57.33	91	-3.9968-03	4.449E 02		-3.5C4E-01	-1.2165-01
3.500	0.0	173.5	9.9355-01	57.32	-	-4.047E-03	.461E	147E	-3.909E-01	-1.234E-01
3.666	0.0	197.1	5.8295-01	57.30	-1.271E-02	-4.019E-03	3855.		.875	=
3.730	0.0	210.2	5.8228-01	57.29	-1.311E-02	-3.461E-03	356	1.746E 03	-3.995E-01	-1.055E-01
3.300	0.0	223.0	9.915=-01	\$7.26	-1.301E-02	-4.710E-03	.+52E		.565	÷
3.900	0.0	246.4	5.8035-01	57.26	-1.291 E-02	-4.455E-03	33		-3.534E-01	-1.358E-01
4.036	0.0	564.5	5.7555-01	57.23	-1.353E-02	-5.183E-03	.4436		•	
4.100	0.0	283.3	9.170E-01	57.22	-1.3CBE-02	-4.575E-03	36		-3.5EEE-01	=
4.200	0.0	301.4	5.740E-01	57.23	-1.2916-02	-4.223E-03	18 €		. 534	-287E-
4.3.10	0.0	315.8	-	57.22	-1.260E-02	-4.556E-03	3634.		-3.840E-01	-401E-
39+·+	0.0	338.€	5.701E-01	57.20	-1.265 E-02	-4.698E-03			. 856	=
4.50C	0.0	122.	5.653E-01	12.72	-1.281E-C2	-4.279E-03	4.357E 02		-3.905E-01	-1.304E-01
4.606	0.0	5.8	9.710E-01	57.30	-1.287E-C2	-4.460E-03		1.747E 03	-3.923E-01	-1.360E-01
4.700	0.0	24.1	175-	57.32	-1.257 6-02	-4.174E-03			-3.6336-01	-1.272E-01
4.800	0.0	43.5	2	57.30	-1.261E-02	-3.784E-03		-	-3.842E-01	1536
4.900	0.0	61.6	11E-	57.30	-1.246E-02	ë	4.4CSE 02		-3.796E-01	:
2.000	0.0	8C.5	10-3951.5	57.34	-1.280 E-02	-3.962E-03		1.74EE 02	-3.5COE-01	-1.208E-01
2.100	0.0	5.86	9.782E-01	57.38	-1.303E-02	-4.0C2E-03		0	-3.972E-01	-1.220E-0
5.200	0.0	116.7	5.800E-01	51.35	-1.328E-02	-4.25 6E-03		1.74EE 03	-4. C48E-01	=
5.300	0.0	135.2		57.31	-1.307E-02	-4.305E-03		1.1476 03	-3.5ESE-01	-1.312E-01
5.400	0.0	153.2	9.8255-01	57.32	-1-325E-02	-3.92 5E-03			-4.038E-01	
5.50C	0.0	171.2	5.834E-01	57.31	-1.303E-02	-4.945E-03	4.461E 02	1.747E C3	-3.572E-01	-1.507E-01
2.600	0.0	185.5	5.826E-01	57.28	-1.3536-02	-4.038E-03			-4.124E-01	
5.700	0.0	208.4	9.8235-01	57.28	-1.291E-02	-4.645E-03	4.455E 02		-3.934E-01	
208.6	0.0	226.3	10-3451.5	51.27	-1.2818-02	-4.704E-03			-3.5036-01	-1.4346-01
2.900	0.0	244.1	4.7535-01	57.26	-1.276E-02	-4.361E-03			-3.8896-01	-352E
6.000	0.0	263.2	5.771E-01	57.27	-1.263E-02	-4-177E-03		1. 14ce 03	-3.851E-01	1.2736-
001.9	0.0	285.0	10-3951.5	51.25	-1.238E-02	;			-3.773E-01	ä,
6.200	0.0	300.4	9.7325-01	57.25		-3.313E-03			-3.8596-01	-1.010E-01
9.300	0.0	316.5	5.716F-01	57.23	-1.230 6-02	-3.750E-03		4. 144E 03	-3.749E-01	٠.
004.0	0.0	331.4	9.6535-01	57.21					-3.8825-01	-1.238E-0
0000	0.0	354.0	10-46906	57.23					-3./816-01	٠,
6.600	0.0		5.652t -01	56.32	-1.219E-02	-3.2541-03			-3.710E-01	-9.518E-02
00.00		2007	10-36775	200					20000	٠.
0000	0.0		10-301/6	51.33		7 (10-30-05-	-1076-
2000	0.0		10-22:00	15.75	-1.244E-CZ		4.4138 02		10-116-01	
200.		18.7	10-1867-6	51.32	ã.	-4.3645-03			10-3881-6-	-3306-
200		3015	10-18:10	57 33	٠.	50-36-03			10-306-01	
2000		136	10-13:00	27.33	٠.	20.27 10.0			25	1000001
2000		157.6	2.8026-01	67.31	-1.3195-02	-4. 636E-03		1.7476 03	-3 6866-01	
2.500	200	1. 36.1	10-3516	67 21	٠.	4 0145-03			3 9606	3556
3.606	0.0	186.2	S.819F-01	57.32	-1.2446-02	-4-08 75-03	275	1. 1475 03	-3.759F-01	-1-2445-01
7.706	3.0	207.1	5-81001	57.29	1.255	-4-568E-03	4.450 92	1.7466 03	!	39.2
7.80€	0.0	225.1	9.7926-01	57.29	1.260				840F-	-1.298E-0
7.566	9.0	244.3	5.7815-01	57.28	-1.236E-02	36	436E 0	1.1468 03		-1.025E-01

EXPERIPENTAL CATA

REDR	RUN	rsct.	IENSIEN	LENGTH	VFLCC11Y	ACC EL.	LENSICH	LENGTH	VELCCITY	ACCEL.
Sec	SEC	DEG	res	11	FT/SEC	FT/SEC/SEC	GRAP	t	CP/SEC	CM/SEC/SEC
8.000	3.0	262.7	9.766E-01	57.28	-1.239E-02	-4.251E-03	306	1.7466 03	-3.7776-01	-1.296E-0
8.100	0.0	281.4	5.7435-01	57.27	1.232	-3.05 £ -03		0	-3.757E-01	-9.435E-02
8.2.30	0.0	1.552	5.721E-01	57.26	1.168	-3.347E-03	360	1.745E 03	-3.56¿E-01	-1.C2CE-01
8.300	0.0	318.1	5.714F-01	57.27	-1.193E-02	-3.044E-03	390		1	279E-
9.400	0.0	337.2	9.6916-01	57.25	-1.196E-02	-3.526E-03	36E		-3.546E-01	-1.075E-01
8.50C	0.0	354.5	5.650F-C1	57.22		-2.212E-03	350	1.144 03	.740	-32+1.
8.600	0.0	11.4	9.704E-01	57.33	-1.256E-C2	-4.013E-03			-3.827E-01	223E-
8. 7CC	0.0	23.3	10-5404.5	57.34	-1.194E-02	-3.718E-03	3E		-3.640E-01	-1.1336-01
8.800	0.0	41.5	10-5137.2	57.31	-1.248E-02	-4.636E-03	1000	1.7476 03	-3.805E-01	4136
8.900	0.0	60.5	9.725E-01	57.30	-1.245E-02	-4.064E-03			-3.794E-01	-1.239E-01
0000.6	0.0	75.1	5.7435-01	57.34	573	-4.1698-03	156		-3.747E-01	-1.271E-01
9.100	0.0	51.6	9.715=-01	57.38	-1.253E-02	-4.322E-03		100	-3.818E-01	-1.317E-01
5.200	0.0	115.6	9.7815-01	57.36	-1.261E-02	-4.575E-03			-3.842E-01	-1.396E-01
6.300	0.0	134.	5.8C2E-01	57.33	-1.1836-02	-4.528E-03			-3.605E-01	-1.380E-0
004.6	0.0	152.€	9.804E-01	57.34	-1.207E-02	-3.648E-03			-3.6796-01	-1.112E-0
\$.500	0.0	171.3	5.809E-01	57.33	-1.197 E-02	-3.3396-03			-3.648E-01	-1.018F-0
309.5	0.0	189.5	S. 821E-01	57.33	-1.187E-02	-4.058E-03	356	1.747E 03	-3.618E-01	-1.249E-0
9.700	0.0	208.5	9.797E-01	57.23	-1.205E-02	-2.724E-03	44E		-3.672E-01	-8.304E-0
2.800	0.0	226.5	5.754E-01	57.33	-1.182E-02	-2.934E-03	1 .E		-3.602E-01	-8.943E-0
9.900	0.0	245.1	9.787E-01	57.31	-1.214E-02	-2.356E-03	.439€	1.747E 03	-3.701E-01	-7.182E-0
00000	0.0	263.5	5.763E-01	57.31	-1.210E-02	-3.115E-03	28E		-3.687E-01	-9.495E-0
001.00	0.0	282.6	10-365-01	57.28	-1.221E-02	-3.217E-03			-3.722E-01	-9.806E-0
00.500	0.0	10101	9.727E-01	57.25	-1.218E-02	-3.110E-03	412E		-3.7136-01	-9.478E-0
0.300	0.0	315.5	20-1617-01	57.75	-1.263E-02	-3.350E-03	4.4CEE 02		-3. 251E-01	-1.0336-01
000		340 6	10-3616	27.15	-104/85-04	-4.096E-03	1004	10 1446 03	-3.6366-01	2005
200		4 5	0.7015-01	57 33	-1 -146-02	-3 5166-03			10-100000	0-3007-1
10-700	200	26.3	6.7026-01	57.33	-1.2785-02	-4-5236-03	4.4016 02	1.7486 03	7476-01	10-10-10-1
0.800	0.0	42.5	C.469F-01	57.33	-1-190E-02	-2.826F-03			-3.428E-01	- AIRE-O
0.900	0.0	61.2	5.724F-01	57.31	-1-142 F-02	-1.447F-03	3 2	1.7475 03	-1-451E-01	-1.06 IE-0
000° T	0.0	79.6	9.742E-01	57.36	-1.195E-02	-2.560E-03			-3.6436-01	-1.0856-0
11.100	0.0	58.7	9.7725-01	57.38	-1.225E-02	-4-172E-03			-3.732E-01	-1.271E-0
1.200	0.0	116.1	6.7505-01	57.37	-1.243E-02	-4.520E-03		1.745E 03	-3.789E-01	-1.378E-0
11.300	0.0	135.3	9.800E-01	57.34	-1.177E-62	-3.478E-03			-3.5876-01	-1.060E-0
11.400	0.0	153.6	9.806E-01	57.36	-1.172 E-02	-4.829E-03	4.448E 02		-3.574E-01	-1.472E-0
11.500	0.0	171.9	1.0045 00	57.37	-2.313E-02	-3.138E-01			-7.052E-01	-9.565E 0
009-11	001-3	190.9	1.0545 00	57.39	-5.276E-02	-5.588E-01	4.17SE 02	-	-2.827E 00	-3.044E 0
11.700	C-200	205.6	1.063E 00	57.39	-2.052E-01	-1.234E 00		1.745E 03	-6.255E 00	-3.761E 0
11.800	0.300	:51.5	1.C13E 00	57.36	-3.187E-C1	-1.159E 00		1.748£ 03	-9.713E 00	-3.533E 0
11.900	0.400	545.5	1.036E 00	57.28	-4.219E-01	-1.03 (E 00			-1.286E 01	-3.15tE 0
15.000	005-3	264.8	1.00 SE 00	57.23	168	-9.6006-01	_		17 SE	-2.926E DI
15.100	009-0	283.7	9.998E-01	57.20	-4. C60E-01	-9.270E-01		1.7446 03	-1.847E 01	-2.826E 0
12.200	002.3	302.3	1.025€ 00	57.16	528E-	-9.251E-01		1.742E 03	-2.112E 01	-2.820E 0
12.300	208-3	350.6	1.0€2€ 00	57.06	. 789E-		17E	1.7396 03	-2.374E 01	-2.824E 0
2.400	005-0	339.5	1.0815 00	56.57	-8-661 E-01	-C. 35 5F-01	4. SOAF 02	1.7366 03	-2.640F 01	-2.84.5E
	2000			,	-					2 36003

EXPERIMENTAL CATA

IY ACCEL.	CH/SEC/SEC	01 -2.6356 01	-2.827E	01 -2.6166 01	-2.	-2.809£	19E	-2.825£	-2.	-2.325E	-1.205E	2C7E	966.9	01 1.224£ 00	01 7.348E-01	01 2.276E-01	-8.796F	01 -2.204E-01	-3.	01 -2.2746-01		20-1201-1-10	01 -1.7996-01	01 -8-218E-02	01 -1.3126-01	4	10	10	10	01 -2.3366-01	7	10	-10		10-3291-11		01 -1.5865-01	01 -2.2056-01	10-3116-01	01 -3.8846-03	10-3+91-1- 10	10-306-01 10-306-01	01 -9.4356-02
TE VELCCITY	CP/SEC	-3.178	-3.445E	-3.7C2E	-3.968E	-4.237E	-4.5C7E	-4.772E	-5.039E	-5.284E	-5.439E	-5.495E	-5.45BE	-5.4EEE	-5.474E	-5.465E	-5.461E	-5.458E	-5.450E	-5.459E	-9.45BE	- 5 44 OF	-5-466 E	-5.465E	-5.46BE	-5.474E	-5.472E	-5-471E	-5-46PF	-5.467E	-5.466E	-5.464E	-5.462E	3796-C-	21010-6-	- 8. 4. 9E	, 10	-5.456E		-5.466E	-5.465E	5	-5-466
LENGTE	t	1.7346 03	. 13CE		.723€								1.681E 03				1.655E 03			1.6428 63		1 4 265 03	1.624E 03	76				2966	1.5516 03	\$80E	w	389E	563E	23 65		44.16	346		3775			1.509E C3	1.5046 03
TENSICN	GRAP	-			4.918E 02	.30 3E		1 20E	0426	-							. \$ 1 1E		. 864E	8456		7. 1406 02	4.847E 02	3 3 6 E	1636			101	4. t 13E 02		. 85 BE				4.0516 02					4.820E 02		315	4-812F 02
ACCEL.	F1/SEC/SEC	-9.302E-01	-9.276E-01	-9.2456-01	-9.259E-01	5.2	-9.240E-01	-9.2¢ 7E-01	-:	-7.629E-01	-3.553E-01	_	2.256E-02	4.0158-02	2.4116-02	7.468E-03	NI	-7.494E-03	-	-	VC	201921-03	- 5	-2.656E-U3	-4.305E-03	-7.731E-03	-4.956E-03	-2.23 /E-03	-7-646F-03	. ~	-3.43 EE-03	2.4196-03	21	-1.120E-03	-5.777E-04	10	20	-7.236E-03	-4.302E-03	-1.274E-04	-3.820E-03	2.1	- 3 DOKE - DE
GTF VELCCITY	FT/SEC	-1.0436 00	1.130E		.362E		-1.479E 00						. 804E						-1.791E CO		-1. /yle 00								-1-794F 00	1.794E	.793€		- .	1 7036 60	1.7916				-		-1.793E 00	1. 793E	-1 707E CO
LENGTH	14	56.88	56.75	56.43	56.52	56.43	56.33	\$6.13	25.57	55.17	55.57	55.34	55.16	25.00	54.80	54.61	54.41	54.23	24.04	23.66	23.70	53.45	53.27	53.07	15.55	\$2.76	52.53	12.22	52.02	51.62	51.64	21.46	51.27	00.10	50.73	50.55	50.34	50.15	90.06	49.85	89.64	15.65	40.25
IFASICA	Les									1.CSE 00			1.079E CC				4	!!	1.072F 00		1.06 /E 0C	· u			ı	u.	L .		1. C 78F 00	141	u	w	w .		u	· u		u:	141	T		1.Ce9E 00	u
OSCL.	DEC	5.5	24.3	45.5	61.6	86.3	58.8	116.7	135.2	153.2	171.4	196.2	508.5	257.2	245.5	264.1	283.2	30105	319.6	338.4	326.1	22.6	41.1	1.55	76.4	5.96	115.1	13:04	176.7	189.0	207.6	5550	244.3	241.7	3000-3	316.	337.3	355.6	36.6	21.8	40.3	58.5	177.
N N N N N N N N N N N N N N N N N N N	SFL	1.100	1.200	1.300	004-1	1.500	1.600	1.700	1.500	1.900	2.000	2.100	2.200	2.300	2.400	2.500	2.600	2.700	2.800	005.7	3.000	3.200	3.300	3.400	3.500	3.600	3.700	3.800	000-6	4.100	4.200	4.300	004-4	000	4.700	4.600	4.900	2.000	2.100	5.200	2.300	2.400	2.500
RCD4	SEC	12.600	12.700	12.800	12.900	13.000	13.100	13.200	13.300	13.400	13.500	13.600	13.700	13.800	13.900	14.030	14.100	14.200	14.300	204-41	14.500	14.700	14.800	14-500	15.000	15.100	15.266	15.500	15.500	15.600	15.700	15.800	15.900	16.100	16.200	16.300	16.400	16.500	16.600	16.700	16.800	16.900	17,000

EXPERIPENTAL CATA

FT/SEC F1/SEC F1	CRAP 4.755E 02 4.765E 02 4.856E 02 4.856E 02 4.856E 02 4.851E 02 4.861E 02 4.8630E 02 4.865E 02 4.86	.455E 03 -5.471E	
5.700 114.7 1.00 00 00 00 00 00 00 00 00 00 00 00 00	4.85 E C C C C C C C C C C C C C C C C C C	.455E 03 -5.471E	CN/SEC/SEC
5.800 133.2 1.050E 00 48.88 -1.794E 00 6.300 151.6 1.050E 00 48.33 -1.794E 00 6.300 2625.E 1.076E 00 48.33 -1.794E 00 6.300 2625.E 1.076E 00 48.33 -1.794E 00 6.500 2625.E 1.076E 00 47.21 -1.791E 00 6.500 2625.E 1.076E 00 47.24 -1.791E 00 6.500 2625.E 1.076E 00 46.63 -1.791E 00 6.500 27.2 1.076E 00 47.63 -1.791E 00 6.500 27.2 1.076E 00 47.64 -1.791E 00 6.500 27.2 1.076E 00 47.65 -1.791E 00 6.500 27.2 1.0791E 00	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	.45CE 03 -5.468E	
\$ 9,000 151.¢ 1,055 00 48.51 -1,794 00 6,200 20.75 1,055 00 48.33 -1,794 00 6,200 20.75 1,055 00 48.33 -1,794 00 6,200 20.75 1,079 00 48.33 -1,794 00 6,500 20.75 1,079 00 47.55 -1,792 00 6,500 20.75 1,079 00 47.55 -1,792 00 6,500 20.75 1,079 00 47.55 -1,792 00 6,500 215.45 1,079 00 47.55 -1,792 00 6,500 215.45 1,079 00 47.55 -1,792 00 6,500 215.45 1,079 00 47.55 -1,792 00 6,500 215.45 1,079 00 45.85 -1,792 00 6,500 215.45 1,079 00 45.85 -1,792 00 6,500 215.45 1,079 00 45.85 -1,792 00 6,500 215.45 1,079 00 45.85 -1,792 00 6,500 215.45 1,079 00 45.85 -1,792 00 6,500 215.45 1,079 00 45.85 -1,792 00 6,500 215.45 1,079 00 45.85 -1,792 00 6,500 215.45 1,079 00 45.85 -1,792 00 6,500 215.45 1,079 00 6,500 215.45 1,079 00 4,500 -1,792 00 6,500 215.45 1,079 00 6,500 215.4	4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 -		-2.151E-
6.000 1776.1 1.055 £ 00 48.51 -1.774 £ 00 6.100 1275. £ 0.000 227. £ 1.078 £ 00 48.51 -1.793 £ 00 6.200 227. £ 1.078 £ 00 47. £ 1.793 £ 00 6.200 227. £ 1.078 £ 00 47. £ 1.793 £ 00 6.200 282.3 1.078 £ 00 47. £ 1.791 £ 00 6.200 282.3 1.078 £ 00 47. £ 1.791 £ 00 6.200 282.3 1.078 £ 00 47. £ 1.791 £ 00 6.200 282.3 1.078 £ 00 47. £ 1.791 £ 00 6.200 282.3 1.078 £ 00 47. £ 1.791 £ 00 6.200 282.3 1.078 £ 00 46. £ 1.791 £ 00 6.200 282.3 1.078 £ 00 46. £ 1.791 £ 00 6.200 282.3 1.078 £ 00 46. £ 1.791 £ 00 6.200 282.2 1.078 £ 00 46. £ 1.792 £ 00 6.200 282.2 1.078 £ 00 46. £ 1.792 £ 00 6.200 282.2 1.078 £ 00 45. £ 1.793 £ 00 6.200 282.2 1.078 £ 00 45. £ 1.793 £ 00 6.200 282.2 1.078 £ 00 45. £ 1.793 £ 00 6.200 282.2 1.078 £ 00 45. £ 1.793 £ 00 6.200 282.2 1.078 £ 00 45. £ 1.793 £ 00 6.200 282.2 1.078 £ 00 45. £ 1.793 £ 00 6.200 282.2 1.078 £ 00 45. £ 1.793 £ 00 6.200 282.2 1.078 £ 00 45. £ 1.793 £ 00 6.200 282.2 1.078 £ 00 45. £ 1.793 £ 00 6.200 282.2 1.078 £ 00 45. £ 1.793 £ 00 6.200 282.2 1.078 £ 00 45. £ 1.793 £ 00 6.200 282.2 1.078 £ 00 45. £ 1.793 £ 00 6.200 282.2 1.078 £ 00 47. £ 1.793 £ 00 6.200 282.2 1.078 £ 00 47. £ 1.793 £ 00 6.200 282.2 1.078 £ 00 47. £ 1.793 £ 00 6.200 282.2 1.079 £ 00 6.200 182.2 1.0	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	.484E 03 -5.46EE	
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8.100 196.3 1.077E 00 44.83 -1.793E 00 -4 8.200 227.1 1.079E 00 44.63 -1.793E 00 -4 8.400 245.1 1.079E 00 44.65 -1.793E 00 -2 8.400 245.1 1.079E 00 44.05 -1.792E 00 -2 8.400 246.6 1.079E 00 44.05 -1.792E 00 -2 8.800 320.1 1.079E 00 43.68 -1.791E 00 -2 8.800 336.5 1.079E 00 43.64 -1.791E 00 -2 9.100 113.2 1.066E 00 43.64 -1.792E 00 -2 9.200 22.1 1.079E 00 42.69 -1.792E 00 -2 9.400 66.5 1.079E 00 42.69 -1.792E 00 -2 9.400 17.4 1.066E 00 42.69 -1.792E 00 -2 9.400 17.5 1.079E 00 42.69 -1.792E 00 -2 9.400 17.5 1.079E 00 42.69 -1.795E 00 -2 9.400 17.5 1.079E 00 42.69 -1.799E 00 -2 9.400 17.6 1.079E 00 41.60 -1	4.881E 02 1	03 -5.466E	-8.149
8.200 208.5 1.076E 00 44.63 -1.793E 00 -5.8200 227.1 1.776E 00 44.45 -1.792E 00 -24.45 -1.792E 00 -24.45 -1.792E 00 -24.6 1.075E 00 44.05 -1.792E 00 -25.0 1.075E 00 44.05 -1.792E 00 -25.0 21.792E 00 -25.0 21.79	4.387F 02 1	03 -5.465E	-1.370F
8.400 227.1 1.075E 00 44.45 -1.793E 00 -28.400 2245.7 1.075E 00 44.26 -1.792E 00 48.400 245.7 1.792E 00 48.500 245.7 1.075E 00 43.68 -1.792E 00 48.500 2301.7 1.068E 00 43.65 -1.791E 00 -68.800 2350.1 1.072E 00 43.51 -1.791E 00 -69.500 2350.2 1.079E 00 43.51 -1.791E 00 -69.500 2350.2 1.079E 00 43.51 -1.791E 00 -69.500 25.1 1.066E 00 43.64 -1.792E 00 -99.500 41.7 1.066E 00 42.53 -1.793E 00 -99.500 75.5 1.079E 00 42.53 -1.795E 00 -99.500 175.5 1.079E 00 42.50 -1.795E 00 -99.500 175.5 1.079E 00 41.69 17.795E 00 -99.500 177.4 1.079E 00 41.69 17.795E 00 41.69 17.795E 00 -99.500 177.4 1.079E 00 41.69 17.795E 00 -99.500 177.4 1.079E 00 41.69 17.795E 00 41.69 17.7	4.881. 02 1	1 03 -5.465E	-1.800F
8.400 245.1 1.074E 00 44.26 -1.792E 00 45.50 245.4 1.075E 00 44.05 -1.792E 00 45.50 20.20 201.7 1.075E 00 43.88 -1.791E 00 -2.20 201.7 1.068E 00 43.88 -1.791E 00 -2.20 201.7 1.068E 00 43.51 -1.791E 00 -2.20 20.20 201.7 1.066E 00 43.51 -1.791E 00 -2.20 20.20 201.7 1.066E 00 43.64 -1.792E 00 -2.20 20.	4.3536 62 1		01 -7.6136-02
8.500 264.6 1.0757 00 44.05 -1.7928 00 -5.1 8.600 201.3 1.0728 00 44.05 -1.7928 00 -5.1 8.600 201.3 1.0728 00 43.88 -1.7918 00 -6.6 8.800 320.1 1.0729 00 43.81 -1.7918 00 -2.7 8.900 336.5 1.0748 00 43.31 -1.7918 00 -2.7 8.900 336.5 1.0748 00 43.34 -1.7908 00 -2.7 8.900 13.2 1.0668 00 43.06 -1.7928 00 -2.7 9.300 41.7 1.0668 00 42.69 -1.7928 00 -2.7 9.300 41.7 1.0668 00 42.53 -1.7928 00 -2.7 9.900 13.4 1.0748 00 42.23 -1.7938 00 -2.7 9.900 13.4 1.0668 00 41.87 -1.7948 00 -3.8 9.900 13.4 1.0668 00 41.87 -1.7948 00 -1.4 9.900 13.4 1.0668 00 41.87 -1.7948 00 -1.4 9.900 13.2 1.0758 00 41.50 -1.7948 00 -1.4 9.900 13.4 1.0668 00 41.8 1.7948 00 -1.4 9.900 13.4 1.0688 00 41.8 1.7948 00 -1.4 9.900 13.4 1.0888 00 41.8 1.7948 00 41.8 1.7948 00 41.8 1.4 9.900 13.4 1.8 1.8 1.7948 00 41.8 1.7948 00 41.8 1.8 1.7948 00 41.8 1.8 1.7948 00 41.8 1.8 1.7948 0	4.8716 02 1	03 -5.463E	1.4676-
8.800 3201.7 1.075E 00 43.88 -1.791E 00 -6.688 8.800 3201.7 1.005E 0C 43.85 -1.791E 00 -6.688 8.800 3201.7 1.005E 0C 43.85 -1.791E 00 -6.688 8.800 336.5 1.073E 00 43.34 -1.790E 00 -6.689 8.900 336.5 1.073E 00 43.34 -1.790E 00 -5.899 8.900 17.2 1.066E 00 43.06 -1.792E 00 -5.899 8.300 41.7 1.066E 00 42.69 -1.792E 00 -5.899 8.300 41.7 1.066E 00 42.69 -1.792E 00 -2.899 8.900 17.5 1.079E 00 42.23 -1.792E 00 -2.899 8.900 134.6 1.079E 00 42.89 -1.795E 00 -2.899 8.900 134.6 1.066E 00 41.87 -1.795E 00 -7.899 8.900 134.6 1.066E 00 41.87 -1.794E 00 -7.899 8.900 134.6 1.066E 00 41.80 -1.794E 00 -7.899 8.900 134.6 1.066E 00 41.80 -1.794E 00 -7.899 8.900 134.6 1.079E 00 42.900 137.9 1.079E 00 -7.899 8.900 137.9 1.079E 00 41.800 11.794E 00 -7.899 8.900 137.9 1.079E 00 41.800 11.799E 00 41.800 41.800 41.800 41.800 41.800 41.800 41.800 41.800 41.800 41.800 41.800 41.800 41.800 41.800 41.800	4. E76E 02 1	03 -5.461E	1 -1.557E-
8.800 3350.1 1.068E 0C 43.65 -1.791E 00 -6.0 8.800 3350.1 1.072E 00 43.51 -1.791E 00 -2.7 8.800 3356.5 1.073E 00 43.31 -1.791E 00 -2.7 8.800 356.5 1.073E 00 43.31 -1.792E 00 -2.7 8.800 13.2 1.066E 00 43.06 -1.792E 00 -5.6 9.300 41.7 1.066E 00 42.69 -1.792E 00 -2.8 9.300 42.7 1.0792E 00 -2.8 9.300 42.7 1.793E 00 -2.8 9.500 75.5 1.079E 00 42.23 -1.793E 00 -2.8 9.500 13.6 1.079E 00 42.8 9.500 13.6 1.079E 00 13.6 1.079E 00 42.8 9.500 13.8 1.079E 00 -2.8 9.500 13.6 1.079E 00 42.8 9.500 13.8 1.079E 00 -2.8 9.500 13.8 1.079E 00 42.8 9.500 13.8 1.079E 00 -2.8 9.500 13.8 1.079E 00 42.8 9.500 13.8 1.079E 00 -2.8 9.500 13.8 1.079E 00 42.8 9.500 13.8 1.079E 00 -2.8 9.500 13.8 1.079E 00 42.8 9.500 13.8 1.079E 00 13	4.8646 02	03 -5.460	1 -2.
\$ 520.0 324.0 1.072.0 43.51 -1.751 0.0 -2.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6.0 6	4.845E 02 1	03 -5.4596	10-1649E-01
9.900 356.5 1.074E 00 43.54 -1.792E 00 -2.59 9.100 13.5 1.066E 00 43.06 -1.792E 00 -5.59 9.200 23.1 1.066E 00 43.06 -1.792E 00 -5.69 9.300 41.7 1.066E 00 42.89 -1.793E 00 -8.99 9.500 75.5 1.074E 00 42.83 -1.793E 00 -2.59 9.600 75.5 1.074E 00 42.23 -1.793E 00 -2.59 9.700 116.4 1.074E 00 42.23 -1.793E 00 -2.59 9.700 134.5 1.074E 00 42.06 -1.795E 00 -3.69 9.700 134.6 1.066E 00 41.67 -1.794E 00 -3.69 9.700 171.4 1.066E 00 41.67 -1.794E 00 -3.69 9.700 171.4 1.066E 00 41.60 -1.794E 00 -3.69	4.8e3E C2	C2 -5.458E	-
9.200 13.2 1.006E 00 43.1E -1.792E 00 -5.69 9.200 13.2 1.006E 00 42.69 -1.792E 00 -5.69 9.300 41.7 1.006E 00 42.69 -1.792E 00 -2.59 9.500 75.5 1.078E 00 42.53 -1.792E 00 -2.59 9.700 18.4 1.054E 00 42.23 -1.793E 00 -2.59 9.800 134.6 1.066E 00 41.87 -1.794E 00 -7.89 9.900 152.5 1.075F 00 41.68 -1.794E 00 -1.494E 00 -7.80 10.000 171.4 1.082E 00 41.50 -1.794E 00 -1.494E 00 -1.494	4.8726 02	C3 -5.457E	3.7986-0
9.300 41.7 1.0665 00 42.69 -1.7926 00 -2.9 9.300 41.7 1.0665 00 42.69 -1.7926 00 -2.9 9.300 66.5 1.0786 00 42.69 -1.7926 00 -2.9 9.500 75.5 1.0786 00 42.23 -1.7936 00 -2.1 9.500 15.4 1.0746 00 42.23 -1.7956 00 -2.1 9.500 134.6 1.0665 00 41.67 -1.7946 00 -7.8 9.900 152.5 1.0756 00 41.68 -1.7946 00 -1.4	4.E65E 02	3 -5.454E	-
9.300 66.5 1.0755 00 42.69 -1.792E 00 -2.5 9.300 66.5 1.071E 00 42.69 -1.792E 00 -2.5 9.500 75.5 1.078E 00 42.23 -1.792E 00 -2.1 9.600 75.5 1.078E 00 42.23 -1.793E 00 -2.1 9.600 116.4 1.069E 00 42.06 -1.795E 00 -7.8 9.900 13.6 1.075F 00 41.67 -1.794E 00 -1.79 10.000 171.4 1.082E 00 41.50 -1.794E 00 -1.79	3 4-833E 02	03 -5.463E	7
9.500 71.7 1.00cf 00 42.69 -1.792E 00 -2.5 9.500 66.5 1.071E 00 42.53 -1.792E 00 -1.4 9.500 75.5 1.078E 00 42.23 -1.795E 00 -2.1 9.500 116.4 1.069E 00 42.06 -1.795E 00 -7.8 9.900 134.6 1.066E 00 41.87 -1.794E 00 -7.8 9.900 152.5 1.075F 00 41.68 -1.794E 00 1.7 10.000 171.4 1.02E 00 41.50 -1.794E 00 -1.4	4.829E 02	103 -5.464E	-2.12
9.500	4.8348 02	1000-6- 60	-7.0051-
9.000 116.4 1.006E 00 42.23 -1.795E 00 -5.6 9.700 116.4 1.006E 00 42.00 -1.796E 00 -7.8 9.900 152.5 1.075F 00 41.67 -1.794E 00 -7.8 10.000 171.4 1.02E 00 41.50 -1.794E 00 1.7	4.6356 02	10 - 20 46 KE	-3546-
9.700 116.4 1.059 00 42.06 -1.795 00 -7.89 9.800 134.6 1.056 00 41.87 -1.794 00 -3.8 9.900 152.5 1.075 00 41.68 -1.794 00 1.7 1.704 00 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7 1.7	4.8896 02	100	20-112-0- 10
9.900 152.5 1.675 00 41.67 -1.794 00 1.728 10.000 171.4 1.682 00 41.50 -1.798 00 -1.408	4.8/36 02	3116-6- 60	-1011-1-
9,900 152.5 1,015F 00 41,68 -1,794F 00 1,728 10,000 1,728 00 41,50 -1,793F 00 -1,408	4.6476 02	2016 CO - 5.411E	-2.407
10,000 171.4 1.625 00 41.50 -1.798 00 -1.408	4.8305	276E U3 -5-469E	-7.1035-
DO 364-11 00-11 00 373-11 1-11-11 000-01	4.6736 02		3002-
	4.9086.02	204-6-	-0.530
2014 00 3613 1 1 350 000 01	4.5166 02	- 60 3	10-326-1- 10

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EXPERIPENTAL CATA

VELCCITY ACCEL. TENSICN LENGTH
FI/SEC/SEC
E 00 -3.373E-03 4.
-3.27
E 0C -3.381E-03 4.879E
F 00 -6.565E-03 4.865E
E 00 -4.554E-03 4.353E
F CC -2.274E-03
E 00 -2.116E-03 4.407E
.962E-03 4.428E
00 -5.253E-03 4
000
CO -7.318F-03 4.865F
E 00 -5.573E-03 4.866E 02
-6.664E-03 4.850E
00 -2.294E-03 4.9COE
CO -9.402E-04 4.903E
CC -4.545E-03 4.510E
00 -5.8346-03
CC -6.536E-03 4.888E
7925 00 4.871E-04 4.856E 02
00 -2-8016-03 4
00 -4.755E-03 4.865E
2016-03
00 -5-3246-04 4-7216
GO 5.058E-04 4.736E
: 00 -3.626E-U3 4.742E
00 -8.017E-03 4.731E
CO -4.548E-03 4.742E 02
00 -2.062E-03 4.751E 02
+0-3106-1- 00 B
E CO -3.195E-03 4.866E 02
E 00 -8.861E-03 4.853E
E CC -6.746E-03 4.463E 02
E 00 -5.125E-03 4.867E
E 00 -2.039E-04 4.867E
CO 1.413E-03 4.862E
00 -5.117E-03 4
E 00 -6.262E-03 4.854E
F 00 -5.743E-03 4.845E 0
E CO 1.274E-04 4.
E CC 1.696E-03 4.
E CC -4.605E-03 4.
791E 00 -5.234E-03 4.811E 02

EXPERIMENTAL CATA

			TEACTON		IENGTE	VEICETT	ACCEL	TENSICH	I ENCTE	VEICCITY	ACCEL
ACOR TIME	1 8 C.N	ANGLE	1En31								***************************************
SEC	SEC	750	res		F1	FT/SEC	F1/SEC/SEC	GRAP	3	CP/SEC	CH/SEC/SEC
26.400	14.930	336.5	1.CECL	00	33.61	1.790E	-9.7056-03	8686		.456E	-2.958E-01
26.500	_	355.4	9	00	32.82	306L	-4.682F-03	412E	1. COCE 03	457E	
26.600	-	: 195	1.060-	00	37.69		9.0346-04	-	9.543E C2	-5.462E 01	2.754E-02
26.700	_	26.1	1.065	00	32.53	1.793E	-1.245E-03	832E		3995.	-3.007E-02
26.800	_	36.4	1.061=	00	32.36		-2.183F-C3	813E		462E	•
26.900		56.1	1.061	00	32.17		-7.935E-03	814E		3394.	-2.419E-01
27.000	_	5.91	1.060	00	32.01		-4.925E-03	906E		3494.	-1.501E-01
27.100	_	9.55€	0	00	31.84	1.795 €	-1.09 3E-03	84 1E			-3.33 2E-02
27.200		114.1	1-	00	21.68		-1.753E-03	.865€		-	-5.343E-02
27.300	_	132.5		00	31.49	1.753E	-1.648E-03	. £51E			-5.024E-02
27.400		151.5	1.C70F	00	31.32	1.793€	-6.848E-03			-5.466E 01	-2.087E-01
27.500	_	170.5	1.067	00	31.13	1.753E	-6.185F-C3				-1.885E-01
27.600		185.2	0	00	30.95	193E	-4.701E-03			.465E	-1.435E-01
27.700		207.6	-	00	30.76		-1.277E-03				-3.893E-02
27.800		225.5	-	00	30.57	792E	3. 795E-03	1000			1.1576-01
27.966		244.6	-	00	30.39	326L	-3.826E-03	4.863E 02		3194.	- 66F
28.000		263.4	·	00	30.20		-6.194E-03	200			-1.688E-01
28.100		282.1	1.068	00	30.02		-7.02 1E-03	46E			-2.140E-01
26.200		3000		00	29.85		-5.409E-03			3654.	-1.649E-01
28.300		319.6	2	00	59.65	306L	1.2836-03				3.910E-02
28.400	16.900	337.5	1.059	00	25.50	-	-2.713E-03	4.802E G2	8.552E 02		-8.269E-02
28.500		356.1	w.	0	29.34	1.790€	-4.503E-03			5	-1.372E-01
28.500		39.1	4	00	29.55		-t.338E-03	24E			-1.932F-01
28. 766		21.5	1.0685	000	29.04	1. 793E	-6.188E-03	100		-5.465E 01	-1.886E-01
28.800		40.0	1.0090	000	28.87	192E	3.2006-04	1486		10 3295.G-	9.754E-03
28.900		2066	1 .0e 3E	00		1.791E	-2.01 IE-04				-6.129E-03
25.000		78.5	1.0625	00	28.54		-1.272E-03	9 16E		-5.462E 01	-3.876E-02
29.100		51.4	1.065	00	28.38	1.795E	-5.970E-03	830E		-5.470E 01	-1.820E-01
29.200		115.5		000	28 - 20	- 79 % E	-6.635E-03	BOOE	8.55¢E 02	-5.469E 01	-2.022E-01
20.500		134.	1.6.135	000	13.87	1000				10 3306.C-	20-3616-05
004.62		13.3.	1.0.1	3	28.12	-1. /See 00	-3.110E-03	*-886E 02	_	-5.467E 01	-9.478E-02
20.500			16101	200	27	7035	-3-424-04		-	10 3700-0-	70-35-07-
200.67		1300		3 6	27 23	3036			90.36.76	10 3636-6-	10-20-1-
26.90	10.200	227	1.00	3	31 10		-1.32 IE-03	360	_	10 36000	10-3167-7-
2000		246.3		3	24 61		7, 4036-03	70.0		10 26 26 77	10-36-6-1
2000		266		3 6	14.02	7016	1 36 36 03	5.0	0 1636 02	10 3000	10-1326-01-
200		207		3	21.02	2016	10.46.76.04		-	10 2000	20.3000.0
2002		201.6	1.000	200	26.35	3000	-		-	10 3366	70-36-07
30.00		350.2	1 0496	200	24 10	2002	-4-1636-03	3160	20 20 20 20 20 20 20 20 20 20 20 20 20 2	10 3000	10-1667-1-
30-400		236.2	1 0336	200	24.01	7000			7.5386 03	10 3954 S	10 363E 01
20.500	20	354.0	10475	200	70.07	7000	376		7 6346 03	10 3500	٠,
200		15.6	2000	3	25.54	10 10 VE	- "			10 3466.	20-16-17-
200.00	- "	13.5	1.009		11.67		v (1. E 3 E GZ	20.4636 01	٠,
30. 700	•		1.010		42.54			135	7.7828 04	10 3434.6-	-1.3906-02
30.300	15.300	9.1.	1.059		25.36	-1. 792F GO	-3.5636-03	4.8CSE 02	7. 1466 02	-5-6676 01	10-12

EXPERIMENTAL CATA

VARIFBLE LENGTP CARLE SYSTEPS DVARMICS

	-	1		֡						
200		TENSICH		LENGIH	VELOCITY	ACCEL.	TENS ICN	LENGTH	AFTOCI IA	ACCEL.
SEC	DEG	1.65		FT 2.18	FT/SEC	+1/SEC/SEC	CRAP	\$	CP/SEC	CH/SEC/SEC
19.500	75.3	-	00	24.55	.793E	-4.041E-03		7.6176 02	-5.466£ 01	-1.2326-0
19.600	98.6	·D	00	24.82	196E	-3.350E-03		7. 56 5E 02	136	-1.0336-01
15.700	116.4	1. C. 4F	00	24.62		4.44EE-04			-5.47CE	1.355E-0.
19.800	135.0	1.C12E	S	24.46		-3.540E-04			-5.469£	-1.079E-02
16.900	153.5	1.072E	00	24.29	346	-6.535E-03			-5.4676	-1.993E-01
20.000	172.0	1.068	00	24.10		-5.537E-03			-5	-1.688E-01
20.100	191.0	41	00	23.54	-1.753E CC	-6.521E-03		-	¿.	-2-110E-01
20.200	205.5	1.659	00	23.75		-1.648E-03			-5	-5.024E-02
20.300	35755	1.071	20	23.55	192E	1.7796-03			-	5.421E-02
20.400	246.3	1.074E	00	23.41	192E			35	-5	-7.475E-02
20.500	265.2	•	00	23.24	316L	9.		34	-5.46CE	105E-
20.600	283.€	1.050F	20	23.C6	3161	-8.653E-03			-5.460E	-2.698E-01
20. 700	301.6	1.0525	00	22.88	3161	-4.254E-03		3515	-5	297E-
26.600	315.6	1.6535	00	22.70	316L	0		120E	-5.4	-3.021E-03
20.900	338.5	1.051	00	\$2.55	-1.790E GO	7.703E-04		359i	-5	2.348F-02
21.000	356.6	1.046E	00	22.34	-1.790E 00	9.516E-04		3533	-5	2-900E-02
21.100	35.0	1.043F	20	22.21	192E	-7.511E-03		3077	•	-2.289E-01
21.200	22.0	1.046	00	22.04		-6.78 3E-03		3311	-5	-2.067E-01
21.300	5.34	1.045E	00	21.64	-	-4.225E-03			-5.465E	-1.288E-01
21.400	55.1	1.049E	00	\$1.66		-2.368E-03			-5.461E	-7.216E-02
21.500	78.8	3	00	21.51		6.882E-04			-5	2.0985-0
21.600	51.1	23	00	21.34		-5.030E-03		350	-	
21.700	116.1	2	22	21.17		-5.755E-03	_	152E	-5-	-1.754F-01
21.600	134.4	1.048	00	85.02		-t -417E-03		3656	-5.471E	-1.9566-01
21.500	152.6	1.04SE	00	20.81		-5.0691-03			-5.470E	-1.545F-0
22.000	171.4	1.0475	00	20.61		1.7936-03			-5	
22.100	190.0	1.052	00	50.44		-6.117E-04			-5	-1.865E-0
22.200	508.4	1.054	2	20.27		•			-5	-1.355F-0
55.300	256.3	1.051	00	20.10		-6.39 ZE-03		1266	-5.465E	411
25.400	544.5	1.048F	00	16.61				37.3	-5.466E	-2.594E-01
55.500	563.6	1.0385	00	15.14	3461				-5.467E	582F
22.600	282.2	1.028	00	19.56	193E				-5.466€	-2.089E-02
55.700	300.3	34	00	19.37	193E	5.409E-04			-5.466E	1.649F0
22.800	318.5	45	00	19.20	193E				-5.464E	-1.1225-0
55.500	337.3	35	00	19.00	1936				-5.	-2.61116
23.000	355.6	1.022E	20	18.63		-			-5	-2.165E-0
23.100	48.1	1.020€	00	18.68		-	4.62SE 02		-5.46BE	-1.749F-01
23.200	21.5	1.0325	00	18.55	9	1.3006-03	4.680E 02		-5.471E	3.962E-02
23.300	40.3	1.0282	00	18.38			4.6636 02	326	-5.	2.262E-02
23.400	59.1	1.0436	00	18.17			4. 730E 02	356	-5.	-1.068 F-01
23.500	78.1	1.0596	00	17.55			4.805E 02		-5.	-1.798E-01
23.600	\$ 6.5	1.067	00	17.70	789E	-8.680E-03	4.842E 02	-	-5.4	-2.646F0
23.700	114.5	1.0503	00	17.50	195E	-8-270E-04	4.762E 02		-5.4	-2.521F-0
23.800	132.6	1.032E	00	17.35		-	4.680E 02	5.289E 02	-5.479E 01	3.6511-0
23.900	151.2	1.0505	00	17.19	-1.753E CC		4. 761E 02	5.23%E 02	-5.465E 01	L
24.000	169.5	1.036E	00	17.05	-1.800 E 00		4.700E 02	5.157E 02	-5.465E 01	-1.070F-02
	7 I.F.E. S.C. 119 - 50-0 119 - 50	TIPE ANCLE 19.50.) 19.50.) 19.50.) 19.50.) 19.50.) 19.50.) 19.50.) 19.50.) 19.50.) 19.50.) 19.50.) 19.50.) 20.50.0	ANCLE 119924	ANCLE 9 9 1	75.3 1.062E 00 24. 135.0 1.062E 00 24. 137.0 1.062E 00 24. 137.0 1.062E 00 24. 172.0 1.062E 00 24. 172.0 1.063E 00 23. 226.3 1.063E 00 23. 226.3 1.064E 00 22. 236.4 1.065E 00 22. 236.6 1.046E 00 22. 236.6 1.046E 00 22. 244.5 1.065E 00 22. 244.5 1.064E 00 22. 244.5 1.064E 00 22. 244.5 1.064E 00 22. 244.5 1.064E 00 19. 255.6 1.064E 00 19. 265.6 1.066E 00 18.	75.3 1.002E 00 24.82 1110.002E 00 23.74 1110.002E 00 22.34 1110.002E 00 20.34 110.002E 00 20.34 110.33	ANCLE DEG 18.5. 1.0 (22 0.0 24.82 -1.795 0.0 -4.81 115.6 0.0 -4.82 -1.795 0.0 -4.82 117.9 0.	75.2 1.00.2 0. 24.82 -1.756 03.30E-03 -1188 110.4 1.00.2 0. 24.82 -1.756 03.30E-03 -1188 110.4 1.00.2 0. 24.82 -1.756 03.30E-03 -1.818 110.4 1.00.2 0. 24.82 -1.756 03.30E-04 -4.8278 110.2 0. 24.82 -1.756 03.30E-04 -4.8278 110.2 0. 23.75 -1.759 03.30E-03 -4.648 110.2 0. 23.75 -1.759 03.30E-03 -4.648 110.2 0. 23.75 -1.759 03.30E-03 -4.648 110.2 0. 23.75 -1.759 03.252 0	76.5	AVILLE LUG 25 FT FT/SEC FT/SEC / SEC / SE

EXPERIMENTAL DATE

			LENSIEN	LEMOIL	VELUCIAL I	40000	יבעפורע	LENG IN		
TIME	SFC	ANCLE	LB5	FT	FT/SEC	F1/SEC/SEC	GRAP	t	CP/SEC	CP/SEC/SEC
						TOTAL STREET		Sec. Market		
35.56	24.100	195.2	1.0306 00	16.85	-1.7981 00	-6.873E-03	4.671E 02	5.145E 02	-5.481E 01	-2.095E-01
2. 700	24.200	208.0	11	16.74	1.7536	-3.66 2E-03	4.69E 02	5.101E 02	-5.465E 01	-1.116F-01
5. BCC	24.300	225.5	1.035: 00	16.56		-2.648E-03	4.055E C2	5. C46E G2	-5.464E 01	-8.071E-02
2.300	24.400	244.4	u!	16.38		-2.133E-03			-5.463E 01	-6.500E-02
5.00c	24.500	263.2	41	16.19	-1.792E 00	3.285E-04	4.701E C2	4.535E 02	-5.461E 01	1.0015-02
\$.10C	24.600	281.5	JE .	16.01	-1.792E 00	-5.534E-03	4.6E7E G2		-5.461E 01	-1.687E-01
6.200	24.700	300.4	u	15.84		-7.045E-03		-	-5.458E 01	-2.149E-01
9.300	24.800	318.5	E	15.66		-6.754E-03			-5.45EE 01	-2.059E-01
004.9	24.500	337.5	3	15.49		-2.042E-03			-5.457E 01	-6.226F-02
6.500	25.000	356.3	נט	15.32	190E	1.430E-03				4.355F-02
5. 50C	25.100	45.4	1.930E 00	15.17	192 F	-1.900E-03	4.672E 02		-5.461F 01	-5.792F-02
001.9	25.200	\$11.4	u	14.59	7936	-2.396F-03			. 15	-7.303E-02
900	25.300	40.3	ı u	14.83	145E	-7-65-E-03				1336
036.	25.400	50.4	u	14.47	797F	-4.361F-03				-1.325E-01
0000-	25.500	78.6	y.	14.51		-8.213F-05			5-464F	-2.507E-03
7.100	25.600	97.6	1.039F 00	16. 11	-1.795F 00	-2.101E-03			V	-0 452E-0
7.200	25.700	116.6	u u	14.15		9.9076-04			-6.46CE 01	2 0475-02
2.300	25.800	136.6	, 4	13.67		-3.3656-03	26.3	, .	10 3077 5-	1 0105-01
7.450	25. 500	152.2	1 042E 00	13.78						10136-01
200	24. 500	171.5	, ,	13 66	704 6 00	-6 3446-03	1001			2316-1
2007	24 100			13.53	307.00	10.3400.0			10 3334.6-	1026201
7 76.6	24 200	2000	U U	13 33	100 2600	60-3007-1-			10 3/04.6-	-1.301-
200	26.200	2376	1 0425 00	13.66	1 7035	-2 2745-04			10 3704.6	7001
0000	00000	30377		13.04	-1.795 00	3 1005 03			10 3696-6-	
2000	20.400	243.4		16.51		3. 100E-02	200			1
200.0	200.200	5000	1	12.70	٠.	3.4294-01		3. E TOE 02		1.0456 01
2010	000.07	**:07	1	75.71		10-11 0E-01			-2.231t 01	700
107.	26.100	301.1	11	15.37	-1.636F 00				. 5666	2.740E 01
3.300	26.800	350.€	- 3Z	12.24	-1.493E 00	1.1265 00			-4.552E 01	
9.400	26.900	338.6	3.726E-01	12.21	-5.696E-01	1.142E 00		_	3910.	3.482E 01
£.50C	27.000	355.2	u	12.27	-3.508 E-01	1.1275 00			-1.1516 01	
9.600	27.100	4.5	1.417E 0C	12.25	-4.739E-02	1.077E 00	_		-1.4446 00	3.282E 01
8.700	27.200	23.6	7.699E-01	12.24	£.381F-02	5.642E-01			1.945E 00	1.7208 0
F. 8CC	27.300	45.4	6.545E-01	12.26	5.7428-02	-2.749E-01			1.75CE 00	
8.900	27.400	61.1	1.211E 00	12.25	2.590E-02	-3,261E-01	5.455E 02		7.896E-01	
2.000	0.0	9.0A	1.148E 00	12.24	-1.249E-03	-1.75 EE-01	5.2C7E 02		-3.8076-02	476E
9.100	0.0	58.5	7.6C6E-01	12.24	-1.339£-02	-5.510E-02	3.450E 02		-4.082E-01	475E
9.200	0.0	116.5	9.285E-01	12.22	-1.470E-02	7.281E-03	126	3.725E 02	-4.479 E-01	2.219E-01
5.36€	0.0	135.5	w	12.23		2.069E-02			-4.231E-01	6.305E-01
9.400	0.0	152.5	5.69E-01	12.24		1.494E-02	3668		-3.177E-01	4.555E-01
5.560	0.0	172.3	8.413F-01	12.23	-1.110E-02	5.9135-03	3918		-3.383E-01	802
2.600	0.0	191.1	1.C60E 00	12.24	-1.102F-02	-2-322E-04	4.8C7E 02		-3.359E-01	-7.078E-03
9.700	3.0	205.7	45	12.24	-1.C78E-02	-1.637E-03	9156		-3.287F-01	
9.900	0.0	227.6	8.9825-01	12.24	-	-8-41 1F-04	074E		3-180F-	
036.6	0.0	246.2	5.513E-01	12.24	1.0	416	315E		-3.260F-01	5.835
0.000	0.0	265.2	1.075 00	12.23	-	501	8776		3-1996-	
				,		,				

EXPERIMENTAL CATA

				FAGI	SH UNITS	***************************************		HETRIC	STIND	
AC:38	P.C.N	OSCI.	TENSICN	LENGTH	GTF VELOCITY	ACC EL.	TENSICK	LENGTH	VELGCITY	ACCEL.
114E	TIME	ANCLE								
Sèc	Sec	שננ	185	FT	F1/SEC	F1/SEC/SEC	GRAP	t	CNISEC	CM/SEC/SEC
	0.0	302.5	5.176E-01	12.24	-1.005 E-02	-7.335E-34	4.162E 02	3.732E 02	-3.C62E-01	-2.236E-02
	0.0	320.4	1.017E 00	12.24	-1.C96E-02	-6.2675-04	4.61 1E 02	3. 130E 02	-3.3416-01	-1.916E-02
	0.0	335.1	1.020F 00	12.24	-1.110 E-02	-2.2665-05		3. 13CE C2	-3.382E-01	-6.906 E-04
	0.0	344.5	5.38 TE-C1	12.23	-1.067E-02	-6.570E-04	4.258E 02	3.728E 02	-3.2536-01	-2.003E-02
	0.0	5.4	9.75601	12.25	-1.C50E-02	-1.500E-03		3.1346 02	-3.230E-01	-5.79?E-02
	0.0	24.4	1.023F 00	12.25	-1.005E-02	-2.031E-03			-3.064E-01	-6.185E-02
	0.0	43.1	9.761E-01	12.23	-1.C55E-C2	-1.5898-03	4.427E 02	3.728E 02	-3.216E-01	-4.843E-02
40.900	0.6	9.19	9.6575-01	12.23	-1.053E-C2	-1.503E-03	4.380E C2	3.127E 02	-3.2CSE-01	-5.801E-02
	0.0	80.€	1.010E 00	12.25	-1.008 E-02	-2.3396-03	4.580£ 02	3.722E 02	-3.071E-01	-7.130E-02
061.14	0.0	9.66	1.002E 00	12.23	-5.159E-03	-2.911E-03	4.243E 02	3.729£ 02	-2.792E-01	-8.874E-02
	0.0	117.1	9.748E-01	12.24	-5.626E-03	-2.240E-03			-2.534E-01	-6.828E-02
	3.0	136.0	1.0€2 00	12.24	-5.776E-C3	-2.059E-03		3.73CE 02	-2.58CE-01	-6.275E-02
	0.0	154.3	1.008E 00	12.25	-5.787E-03	-2.229E-03	4.571E 02	3. 733E 02	-2.583E-01	-6.793E-02
	0.0	172.1	5.867E-01	12.24	-9.881E-03	-1.815E-03	4.476E 02	3.72.1E C2	-3.012E-01	-5.533E-02
	0.0	191.6	9.947E-01	12.25	-1.C18E-02	-1.597E-03	4.512E 02		-3.103E-01	-4.868E-02
	0.0	209.6	1.003E 00	12.24	-9.549E-03	-2.722E-03	4.55GE 02	3.731E 02	-3.032E-01	-8.295 E-02
	0.0	227.6	10-3858·5	12.25	-5.5986-03	-1.136F-03	4.489E 02	3. 134E 02	-2.525E-01	-3.461E-02
41.900	0.0	246.1	6.8995-01	12.24	-5.7286-03	-1.8495-03	4.490E 02	3. 732£ 02	-2.965E-01	-5.637E-02
	0.0	264.8	5.963F-01	12.24	-9.594E-03	-1-184E-03	4.515E 02		-3.04EE-01	-3.608E-02
45.100	0.0	283.3	5.E70E-01	12.23	-1.000 E-02	-1.0225-03	4.477£ 02	3.725E 02	-3.C48E-01	-3.116E-02
	0.0	30105	9.8485-01	12.22	-1.0C1 E-02	-2.093E-03	4.467E 02	3. 7251 02	-3 .050E-01	-6.379E-02
	0.0	315.6	5.894E-01	12.23	-1.0316-02	-2.031E-03	4.488E 02	3. 726E 02	-3.141E-01	-6.189E-02
	0.0	338.6	5.632E-01	12.21	-1. C35 E-02	-1.7196-03	4.460E 02		-3.156E-01	-5.240E-02
	0.0	353.2	5.8COE-01	12.21	-1.034E-02	-3.115E-03	4.445E 02	3.722E 02	-3.1526-01	-9.495E-02
	0.0	5.1	5.E57E-01	12.24	-9.748 E-03	-2.741E-03	4.471E C2	3.721E 02	-2.971E-01	-0.356E-02
	0.0	23.5	5.826E-01	12.24	-5.006E-03	-2.246E-03	4.457E 02	3.731£ 02	-2.745E-01	-6.845E-02
	0.0	45.6	5.8146-01	12.24	-5.388E-03	-2.16 1E-03	4.451E 02	3.721E 02	-2.662E-01	-6.603E-02
	0.0	61.2	5.E64E-01	12.25	-8.561E-03	-2.161E-03	4.474E 02	3.734£ 02	-2.6(SE-01	-6.586E-02
	0.0	1.08	5.859E-01	12.25	-6.354E-03	-1.577E-03	4.472E 02	3.734£ 02	-2.546E-01	-6.025E-02
	0.0	58.8	5.8795-01	12.25	-5.122E-03	-2.566E-03	4.481E 02	3. 735E C2	-2.780E-01	-7.621E-02
	0.0	116.8	5.9116-01	12.25	-7.176E-C3	-3.C87E-03	4.495E 02	3.7336 62	-2.187E-01	-9.409E-02
	0.0	135.0	10-3106-6	12.25	-5.739E-03	-2.19 £-03	4.451E 02	3. 735£ 02	-2.969E-01	-6.690F-02
	0.0	153.3	5.909F-01	12.26	-5.275E-03	-1.4336-03	4.455E G2	3. 136E C2	-2.827E-01	-4.368E-02
	0.0	171.6	9.9156-01	12.25	-5.249E-03	-1.83 6E-03	4.4586 02	3.7346 02	-2.819E-01	-5.602F-02
43.600	0.0	196.2	9.906F-01	12.26	-9.442E-03	-1.900E-03	4.453E 02	3.737E 02	-2.£78E-01	-5.792E-02
	0.0	20 €. €	5.902E-01	12.25	-9.346 E-03	-1.985E-03	4.4916 02	3.7226 02	-2.845E-01	-6.051E-02
43.800	0.0	226.1	10-3116-6	12.23	-5.487E-C3	-2.403	4.496E 02	3.7296 02	-2.892E-01	-7.424F-02
,	0.0	245.1	5.855E-01	12.23	-9.557E-C3	-1.8756-03	4.48BE C2	3.126E 02	-3.047E-01	-5-714E-02

EXPERIMENTAL CATA

43 43 60 60 6. 740E-01	ACCEL	CM/SEC/SEC	-1.752E-01	-1.829E-01	-:	-2.005E-01	::	•	:	11.7101-01		-1.846E-01	-	ä.	10-21-01	-	-	:	-		10466	£		T	-1.525E-01	:	-	1000 1000 1000 1000 1000 1000 1000 100		-1.230E-01	-
NAFC = 43 NCH = 60 NWPO = 60 C KW = 4.74 KA = 4.56	PETRIC UNITS	CP/SEC	10-3809* 5-	-4.550E-01	-4.731E-01	-4-681F-01	-4.5586-01	-4.580£-01	-4.137E-01	-4.0256-01	-4.3686-01	-4.275E-01	-4.268E-01	-3.5116-01	-4-2696-01	-4.3516-01	-4.324E-01	-4.327E-01	-4.3876-01	10-3840	-4-186F-01	-4.356E-01	-4.151E-01	-4.152E-01	-3.806E-01	-3.803E-01	-3.655E-01	-4-1466-01	-4.040E-01	336-	
CVNAMIC 0.10 1.50	L'ENGTE	đ		15 BE	2.192E G2	355	154E	355		200			2. 197E G2		2.2626 02				2.200E 02		2.189F 02		2-1556 02				2.200E 02			2.2C4E 02	
, , , , , , , , , , , , , , , , , , ,	TENSICN	GRAP		. 7C BE	4.5566 02	2000	.574E	-		4.04%E 02	906				4.554F 02	-				4-1546 62	3 17		.436E	.574E				4.4091 02			916
MODE	ACC EL •	F1/SEC/SEC	-5.1476-03	-6.001E-03	-6.5136-03	-6-5796-03	-6.040E-03	-4.165E-03	5	-5.70fe-03		-6.056E-03	-5.558E-03	•	-4.990F-03	-5.608E-03	-5.257E-03	3	-5.92GE-03	4.675-03	-6-123F-03	-5.96¿E-03	-6.079E-03	-5.383E-03	-5.004E-03		-5.66CE-03	-5- (BSE-03	-5.7C8E-03	-4.036E-03	-5.1575-03
AVICA 1.00 2.00 0.0 43.00 5.00 5.00	ISP UNITS	FT/SEC	-1.512E-02	:	-1.552E-02	: :	:	- 5		-1.3696-02	: :	4	-		-1.3816-02	:	-1.419E-02	-	-1.439E-02	1.3011-02	-1.373E-02	-	:	-1.362E-02	-1.2491-02	-1.248F-02	-1.199E-02	-	: :	1.290E-	-1.250E-02
FP S2 FP S2 FF	- ENGLISE	11	7.38	7.21	7.19	7.21	7.20	7.20	7.21	7.20	7.21	1.22	7.21	7.50	7.22	7.22		7.22	7.22	7. 10	7.18	7.19	7.51	12.7	7.21	7.22	1.22	7.23	7.24	7.23	7.26
CABLE MATERIAL . [IRECTION ACCLETATION ECCLEMATION . FP FLN IIPE . SEC INITIAL LENGTH . FINAL LENGTH .	TENSICN	LBS			1.0055 00			1.047E 00		9			1.021F 00		1.013E 00				1.036E 00		1.0025 00	•				1.050E 0C	1.0235 00		9- 8745-01	1.022 00	950
TABLE P. CIRECTIE ACCELER CECELER FIN TIPL FINAL L	uscı.	ANGLE	185.1	239.6	256.1	35.6	9116	147.3	203.	315.0	154.6	56.1	112.5	108.6	275.4	335.2	42.1	76.5	121.1	242.6	298.1	256.5	38.6	1.46	145.6	205.1	7.007	152.3	56.1	112.5	167.7
	NO.	TIPE SEC	0.0	0.0	0.0	0	0.0	0.0	0.0		0.0	0.0	3.0			0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	•		0.0	0.0	0-0
	RCOR	TINE	0.0	0.100	0.200	C. 40C	0.500	0.600	00.00	0.00	1.000	1.130	1.200	1.300	1.566	1.600	1.700	1.800	1.900	2.100	2.200	2.30€	2.400	2.500	2.600	2.700	2.900	3.000	3.166	3.200	3.300

EXPERIMENTAL CATA

F1/SEC/SEC -4.935E-03 -4.935E-03 -6.527E-03 -6.527E-03 -6.527E-03 -6.577	2	18 S 18 S 18 C 18 C
-02 -4.935E-03 4.72E -02 -6.557E-03 4.915E -02 -6.557E-03 4.915E -02 -6.517E-03 4.915E -02 -5.703E-03 4.060E -02 -5.703E-03 4.060E -02 -5.703E-03 4.060E -02 -5.127E-03 4.060E -02 -5.107E-03 4.060E -03 -5.107E-03 4.060E -04 -5.255E-03 4.060E -05 -5.255E-03 4.060E -06 -5.255E-03 4.060E -07 -5.256E-03 4.060E -08 -5.256E-03 4.060E -09 -5.256E-03 4.060E -09 -5.256E-03 4.060E -00 -5.256E-03 4.060E -00 -5.256E-03 4.060E -00 -5.256E-03 4.060E -00 -5.256E-03 4.060E -00 -5.216E-03 4.060E	2	222222222222222222222222222222222222222
-02 -4.823E-03 4.557E -02 -6.52E-03 4.416E -02 -6.156E-03 4.3151E -02 -6.13E-03 4.766E -02 -5.413E-03 4.766E -02 -5.109E-03 4.59E -02 -5.127E-03 4.458E -02 -5.127E-03 4.458E -02 -5.127E-03 4.458E -02 -5.127E-03 4.458E -02 -5.127E-03 4.457E -02 -5.131E-03 4.472E -02 -5.131E-03 4.472E -02 -5.131E-03 4.467E -02 -5.16E-03 4.467E -02 -5.16E-03 4.467E -02 -5.16E-03 4.467E -02 -5.16E-03 4.467E -02 -5.16E-03 4.658E -03 -5.16E-03 4.457E -04 -5.216E-03 4.658E -05 -5.16E-03 4.467E -07 -5.16E-03 4.658E -08 -5.16E-03 4.658E -09 -5.16E-03 4.658E -00 -5.16E-03 4.658E -00 -5.16E-03 4.658E	2	22222222222222222222222222222222222222
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-5.703E-03	280E-1-2548E-1-2548E-1-2548E-1-2548E-1-2548E-1-2548E-1-2548E-1-2548E-1-2548E-1-2548E-1-2548E-1-25548E-	7.22 7.22 7.22 7.22 7.22 7.22 7.22 7.22
-6.017E-03	1.2587 1.2537 1.2537 1.2537 1.2537 1.3206	7.22 7.22 7.22 7.22 7.22 7.22 7.22 7.22
-5.199F-03 4.522E -5.682E-03 4.658E -5.895E-03 4.575E -4.631E-03 4.752E -4.631E-03 4.752E -5.313E-03 4.672E -5.313E-03 4.672E -5.313E-03 4.672E -5.319E-03 4.672E -5.319E-03 4.672E -5.316E-03 4.724E -5.316E-03 4.608E -5.316E-03 4.724E	1.287F 1.286F 1.286F 1.286F 1.320F	7.22
-5.1276-03 4.436 -5.6826-03 4.436 -5.6316-03 4.7526 -4.636-03 4.7526 -4.636-03 4.7526 -5.3136-03 4.4076 -5.3136-03 4.4926 -5.3136-03 4.4926 -5.7066-03 4.7246 -5.7066-03 4.7246 -5.7166-03 4.7246 -5.7166-03 4.7246 -5.7166-03 4.4076 -5.7166-03 4.4076 -5.7166-03 4.4076 -5.7166-03 4.4076 -5.7166-03 4.4076 -5.7166-03 4.4076 -5.7166-03 4.4076 -5.7166-03 4.4076	1,200 1,100	22.2.2.2.2.3.3.3.4.2.4.2.2.2.2.2.2.2.2.2
-5.68 26-03	1.286 1.320	22.22.22.23.33.42.42.42.43.33.43.43.43.43.43.43.43.43.43.43.43.
-4.631E-03 4.752E-4.631E-03 4.155E-5.313E-03 4.467E-5.313E-03 4.467E-5.313E-03 4.467E-5.313E-03 4.467E-5.316E-03 4.467E-5.316E-03 4.467E-5.316E-03 4.467E-5.316E-03 4.467E-5.316E-03 4.467E-5.316E-03 4.467E-5.316E-03 4.467E-5.316E-03 4.4631E-5.316E-03 4.4631E-5.316E	1,205 1,320 1,320 1,320 1,320 1,323 1,230 1,230 1,230 1,200	25.22.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2
-4.6.59E-03 4-155E-14.439E-03 4-439E-03 4-4472E-5.313E-03 4-4472E-5.313E-03 4-4672E-5.319E-03 4-692E-5.319E-03 4-692E-5.316E-03 4-692E-5.316E-03 4-692E-5.316E-03 4-692E-5.316E-03 4-692E-5.316E-03 4-692E-5.316E-03 4-692E-5.316E-03 4-699E-7.315E-03 4-699E-7.315E-03 4-699E-7.315E-03 4-787E-787E-787E-787E-787E-787E-787E-787	1,262 1,3156 1,3156 1,3156 1,3156 1,3236 1,1296 1,1296 1,1296 1,1296 1,1396 1,1	22.22.22.23.34.24.27.22.22.22.22.22.22.22.22.22.22.22.22.
-4.439E-03 4.636E -5.011E-03 4.472E -5.313E-03 4.467E -5.319E-03 4.637E -5.255E-03 4.788E -5.706E-03 4.788E -5.706E-03 4.588E -5.706E-03 4.588E -5.706E-03 4.696E -5.415E-03 4.696E -4.325E-03 4.696E	1,3262 1,3262 1,3266 1,3236 1,2396 1,2396 1,2396 1,2396 1,2396	**************************************
-5.011E-03 4.472E -5.16F-03 4.467E -5.319E-03 4.467E -5.256E-03 4.637E -5.706E-03 4.724E -5.706E-03 4.724E -5.706E-03 4.588E -5.706E-03 4.588E -5.706E-03 4.586E -5.706E-03 4.586E -5.706E-03 4.586E -5.706E-03 4.586E -5.706E-03 4.587E	1,320F- 1,315F- 1,323F- 1,323F- 1,237F- 1,199F- 1,202F- 1,202F- 1,202F- 1,202F-	7.23
-5.767E-03 4.467E -5.313E-03 4.467E -5.255E-03 4.637E -5.706E-03 4.724E -5.706E-03 4.724E -5.716E-03 4.668E -5.415E-03 4.696E -4.325E-03 4.696E		7.23
-5.313E-03		7.22
-5.319E-03 4.637E -5.255E-03 4.724E -5.765E-03 4.724E -5.216E-03 4.658E -5.216E-03 4.65E -5.316E-03 4.60E -4.325E-03 4.696E -4.515E-03 4.787E		7.22
-5.255E-03 4.788E -5.767E-03 4.58E -5.216E-03 4.6C5 -5.316E-03 4.6C5 -4.325E-03 4.696 -4.325E-03 4.787E		22222
-5.767E-03 4.588E -5.216E-03 4.4C8 -5.530E-03 4.4C0 -5.419E-03 4.696E -4.325E-03 4.696E -4.515E-03 4.787E		22.2
-5.216E-03 4.4CSE -5.530E-03 4.4CSE -5.419E-03 4.530E -4.325E-03 4.696E -4.515E-03 4.787E		7.22
-5.530E-03 4.400E -5.415E-03 4.530E -4.325E-03 4.696E -4.515E-03 4.787E		7.22
-5.415E-03 4.530E -4.325E-03 4.696E -4.515E-03 4.787E		
-4.325E-03 4.696E -4.515E-03 4.787E		7.24
-4. 31 3E-U3 4. 18 1E		1.23
36 L A . A . A . A . A . A . A . A . A . A		7.23
-5.65 GE-03 4.519E		7.23
-4.452E-03 4.448E	-1.181E-02	7.25
-4.974E-03 4.436F	-1.2146-02	7.26
-4.512E-03 4.580E	-1. C82E-02	1.25
-4.548E-03 4.154E	-1.133E-02	7.24
-5.001E-03 4.762E	-1.1735-02	1.23
3670-36-03	2	7 33
בסייר בסייונב	1 2055	1 22
1014-03		
-5.411E-03 4.451E	-	7.23 -
-4.943E-03 4.642E	-1.284E-02	
2 -4.634E-03 4.791E	-1.C79E-02	7.23
2 -4.250E-03 4.712E	-1.166E-0	7.23
2 -5.5806-03 4.5736	-1.084E-0	7.24
2 -4.8936-03 4	1.0	7.23
2 -5.4476-03 4.35	:	7.24
2 -4.751E-03 4.	-1.130E-0	7.25
2 -4.005E-03 4.70		7.26

EXPERIMENTAL CATA

STARLE LENGTH CARLE SYSTEMS 1 3 1811 9

2021	CSCI.	TENS ION	L ENGTH V	VELUCITY	ACC EL.	TENSICA	LENGTE	VELCCITY	ACCEL.
SEC	Dec	1.85		F1/SEC	F1/SEC/SEC	CRAP	t	CH/SEC	CM/SEC/SEC
0.0	191.7	1.6545 00	7.25	-	-4.386E-03			-3.514E-01	-1.337E-01
0.0	247.1	35	1.24	-1.200E-02	-4.581E-03	3990			-1.396E-01
0.0	303.4	.9645	7.23	-1.229E-02		3515		-3.747E-01	598F
	2.777	10-325-01	1.23	-1.298E-02	-4.68 ft-03	4.465E 02	20.5C4E G2	-3.9556-61	624-1
200	2 22	0131	7 22	-1.2205-02	-6 26 CE-03			345	-376301
000	166	247	1.23		-5 1246-03	74.16		6 5	!
0.0	200.5	3 2	7.23		20.5	7616			10-36-36-01-
	265.5	0.00	7.23	-1.1546-02	-5 516E-03	246		3 6 2 6	: .
0.0	321.6	. F 2 E.F	7.23	-				3.6.56	1.6001
0.0	123.6	P 215	7.23		-5.349E-03	150C		77.74	200C
	3.14	36 3 5	7 7		טח	4666		2 611	1 4406
	117.5	0 2 45	7.23	-	-2.4115-03	4456		1005	10-3646-01
	177.3	2 2	1.24		•	35.45		2 267	76.36
	227.6	0300	7 25		-4.1365-03			2016-01	
	284.	1.0076 00	7.25		-4 675E-03	5446		2 4346-01	
0.0	331.5	9.707F-01	7.24		-3.583F-03			3.556	14 E-
0.0	24.4		7.26		•	400F			-1.384F-01
0.0	80.5	9	7.25		-4-219F-03	544F			-1.286F-01
0.0	135.6	1.0385 00	7.24		-4.423E-03	76.86		-3.315F-01	
0.0	191.4		7.24		-4.534E-03		2.205E 02	-3.219E-01	-1.382E-01
0.0	247.3	1.029E 00	7.21	-1.188E-02	-6.25 BE-03			522	-1.920E-01
0.0	303.5	5.	7.21	-1.301E-02	-5.			-3.965E-01	-1.70CE-01
0.0	252.0	*	1.24		15		2.206E 02	613E-	_
0.0		-	7.24	-1.172E-02	-			-3.573E-01	
0.0		\$ C10E-01	1.25	1.659 E-02	4			5.057E-01	
9.100	150	3	7.26	1.C43E-01	1.C69E 00			3.179 6 00	3.258E 01
C. 200	212	0	1.28	2.192 E-01	-			9189	
0.300	268	9.2245-01	7.32	3.288E-01	-	4.184E 02		CCZE	
004.0	323	9.	7.36	4.248E-01	Š	. 384E		.295E	
005.0			7.44	5.129 8-01	•			.563E	
0.000	65.0	-	7.51	5.568E-01	~	3 1E		3618€	
0.100		8	1.59	85E-	8.434E-01			.067E	
0000		.5	7.68	616E-	8.638E-01			-322E	
006.0			1.11	- 466E-	8.635E-01			.581E	
1.000		7.	7.85	-3867-	6.5836-01	.2 16E		. 834E	
1.100			1.56	. 013E	8.5258-01	4.3098 02		-089E	
1 .200		•	8.08		8.50 /E-01	- 166E		.347E	
1.300		6.	8.20	.179 €	8.516E-01			.551E	
1.400		4	8 . 34	258E	8.517E-01			.834E	
1.500		9.	8.48	.340€	8.516E-01	. 39 2E		346	
1.600		~	. 6	452E	.53	3115·		. 342E	
1.700		6.	8.19	508E					
1.800		3.	6.	1.591E GO	44.			. 845E	
1.500	45	9.	9.15	35L	. 33			. 105E	

EXPERIMENTAL CATA

NAME OF TAXABLE PARTY.

1.75 C	TENS
1.765 © 00 2.645E-01 4.434E D2 2.555E D2 5.441E D1.795E D0 4.288E-02 4.051E D2 3.555E D2 5.441E D1.795E D0 -4.288E-02 4.051E D2 3.555E D2 5.455E D1.795E D0 -2.527E-02 4.051E D2 3.555E D2 5.455E D1.795E D0 -2.527E-02 4.051E D2 3.551E D2 5.455E D1.795E D0 -2.527E-03 4.11E D2 3.551E D2 5.455E D1.799E D0 -2.527E-03 4.11E D2 3.51E D2 5.455E D1.799E D0 -2.527E-03 4.11E D2 3.51E D2 5.455E D1.799E D0 -2.527E-03 4.11E D2 3.451E D2 5.451E D1.799E D0 -2.527E-03 4.11E D2 5.451E D2 5.451E D1.799E D0 -2.527E-03 4.11E D2 4.11E D2 5.451E D2 5.451E D1.799E D0 -2.527E-03 4.11E D2 4.11E D2 5.451E D2 5.451E D1.799E D0 -2.527E-03 4.11E D2 4.11E D2 5.451E D2 5.451E D1.799E D0 -2.527E-03 4.11E D2 6.451E D2 5.451E D2 5.451E D1.799E D0 -2.527E-03 4.11E D2 6.451E D2 5.451E D2 5.4	L8S FT
1,796 CO	5e-01
1755E CG) 10-3g
1.791E 005.705E-02 4.10E 02 3.10EE 02 5.455E 01.791E 005.705E-03 4.17E 02 3.10EE 02 5.455E 01.790E 005.705E-03 4.17E 02 3.203E 02 5.455E 01.790E 003.81EE-03 4.17E 02 3.75E 02 5.455E 01.790E 003.81EE-03 4.17E 02 3.75E 02 5.455E 01.790E 003.84E-03 4.10E 02 3.75E 02 5.455E 01.790E 003.84E-03 4.10E 02 3.75E 02 5.455E 01.790E 005.849E-03 4.10E 02 3.75E 02 5.455E 01.790E 005.849E-03 4.10E 02 3.75E 02 5.455E 01.790E 005.89E-03 4.10E 02 4.10E 02 5.455E 01.790E 005.80E-03 4.10E 02 6.10E 02 5.455E 01.790E 005.80E-03 4.10E 02 6.10E 02 5.455E 01.790E 005.80E-03 4.10E 02 5.10E 02 5.10E 02 5.455E 01.790E 03 5.10E 02 5.10E	10-3
1790E 00 -6.705E-03 4.120E 02 3.161E 02 5.455E 1.739E 00 7.31E-03 4.372E 02 3.23E 02 5.455E 1.739E 00 7.31E-03 4.372E 02 3.23E 02 5.455E 1.739E 00 -3.316E-03 4.372E 02 3.272E 02 5.452E 1.739E 00 -3.316E-03 4.372E 02 3.272E 02 5.452E 1.739E 00 -4.384E-03 4.30E 02 3.572E 02 5.452E 1.739E 00 -4.384E-03 4.46E 02 3.572E 02 5.452E 1.739E 00 -4.384E-03 4.46E 02 3.572E 02 5.453E 1.739E 00 -4.384E-03 4.46E 02 3.572E 02 5.453E 1.739E 00 -5.492E-03 4.46E 02 3.654E 02 5.453E 1.739E 00 -5.492E-03 4.46E 02 3.654E 02 5.453E 1.739E 00 -5.492E-03 4.46E 02 3.654E 02 5.453E 1.739E 00 -5.492E-03 4.46E 02 3.673E 02 5.453E 1.739E 00 -5.492E-03 4.46E 02 3.673E 02 5.453E 1.739E 00 -5.492E-03 4.40E 02 3.673E 02 5.453E 1.739E 00 -5.492E-03 4.40E 02 3.673E 02 5.453E 1.739E 00 -5.492E-03 4.40E 02 4.451E 02 5.453E 02 5.453E 03 0.573E 03 0.573E 02 5.453E 03 0.573E 03 0.57	8-6415-01
1.799 00	E-01
1.789F 00	1 10-3
1791E 00	1 10-3
17.79 Co1.5946-03 4.036 D.2 3.428 Co. 2 3.458 Co1.5946-03 4.036 D.2 3.428 Co. 2 3.428 Co. 2 3.458 Co. 3	35-01
1,791E 0.0	
00 -1.625E-03 4.32E 02 3.54E 02 5.457E 00 -1.625E-03 4.32E 02 3.65E 02 5.457E 00 -3.674E-03 4.32E 02 3.65E 02 5.451E 00 -3.674E-03 4.32E 02 3.65E 02 5.451E 00 -3.674E-03 4.32E 02 3.65E 02 5.451E 00 -5.149E-04 4.018E 02 3.65E 02 5.451E 00 -5.149E-04 4.018E 02 3.65E 02 5.451E 00 -5.149E-03 4.391E 02 3.67E 02 5.451E 00 -3.385E-03 4.391E 02 3.67E 02 5.45E 00 -3.385E-03 4.391E 02 3.67E 02 5.45E 00 -3.67E-03 4.391E 02 3.67E 02 5.45E 00 -3.67E-03 4.391E 02 3.67E 02 5.45E 00 -3.67E-03 4.241E 02 4.131E 02 5.45E 00 -3.62E-03 4.076E 02 4.39E 02 5.45E 00 -3.62E-03 4.35E 02 4.39E 02 5.45E 00 -3.68E-03 4.35E 02 4.39E 02 5.45E 00 -3.68E-03 4.35E 02 6.39E 02 5.45E 00 -3.68E-03 4.35E 02 6.39E 02 5.45E 00 -3.68E-03 4.35E 02 5.45E 02 5.45E 00 -3.68E-03 4.35E 02 5.45E 02 5.45E 00 -3.38E-03 4.36E 02 5.45E 02 5.45E 02 5.45E 00 -3.38E-03 4.36E 02 5.45E 02 5	8.780E-01 11-44
00 -1.625E-03	1
00 -4.544E-03	E-01 11
00 -3.674E-03 4.308E 02 3.658E 02 5.451E 01 00 6.457E-04 4.028E 02 3.755E 02 5.451E 01 00 -8.517E-04 4.021E 02 3.755E 02 5.455E 01 00 -8.517E-04 4.021E 02 3.752E 02 5.455E 01 00 -8.517E-04 4.021E 02 3.752E 02 5.455E 01 01 -8.3576E-03 4.391E 02 3.578E 02 5.455E 01 01 -8.3167E-03 4.391E 02 4.025E 02 5.455E 01 02 -8.600E-04 4.683E 02 4.035E 02 5.455E 01 03 -8.600E-04 4.683E 02 4.031E 02 5.455E 01 04 -8.517E-03 4.341E 02 4.031E 02 5.455E 01 05 -8.600E-03 4.045E 02 4.031E 02 5.455E 01 06 -1.631E-03 4.045E 02 4.051E 02 5.455E 01 07 -5.926E-03 4.045E 02 4.051E 02 5.455E 01 08 -7.692E-03 4.045E 02 4.051E 02 5.455E 01 09 -7.692E-03 4.031E 02 4.051E 02 5.455E 01 00 -7.692E-03 4.031E 02 4.051E 02 5.455E 01 01 -8.600E-03 4.031E 02 4.051E 02 5.455E 01 02 -8.600E-03 4.031E 02 4.051E 02 5.455E 01 03 -8.600E-03 4.031E 02 4.051E 02 5.455E 01 04 -9.04E-03 4.031E 02 4.051E 02 5.455E 01 05 -8.372E-04 4.386E 02 5.456E 02 5.456E 01 06 -8.372E-03 4.055E 02 6.562E 02 5.456E 01 07 -8.372E-03 4.055E 02 5.052E 02 5.456E 01 08 -8.000E-03 4.056E 02 5.052E 02 5.456E 01 09 -1.564E-03 4.056E 02 5.052E 02 5.456E 01 00 -1.564E-03 5.055E 02 5.055E 02 5.456E 01 00 -1.564E-03 5.055E 0	- 10- at
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00 -5.149E-04	10-5
00	5.124=-01 12.51
Colored Colo	10-9
00 3.167E-03 4.382E 02 4.025E 02 5.447E 01 00 3.167E-03 4.241E 02 4.025E 02 5.449E 01 00 -5.826E-03 4.076E 02 4.191E 02 5.451E 01 00 -5.828E-03 4.076E 02 4.305E 02 5.451E 01 00 -3.026E-03 4.076E 02 4.305E 02 5.456E 01 00 -1.63E-03 4.442E 02 4.411E 02 5.456E 01 00 -1.63E-03 4.361E 02 4.411E 02 5.456E 01 00 -7.593E-03 4.031E 02 4.411E 02 5.451E 01 00 -7.693E-03 4.031E 02 4.61E 02 5.451E 01 00 -7.693E-03 4.125E 02 4.631E 02 5.451E 01 00 -7.694E-03	10-3
00 3.167E-03 4.241E 02 4.054E 02 5.449E 01 00 -9.600E-04 4.083E 02 4.191E 02 5.451E 01 00 -5.928E-03 4.076E 02 4.191E 02 5.455E 01 00 -3.020E-03 4.076E 02 4.396E 02 5.456E 01 01 1.631E-03 4.442E 02 4.396E 02 5.456E 01 00 1.631E-03 4.442E 02 4.411E 02 5.449E 01 00 -7.592E-03 4.031E 02 4.467E 02 5.459E 01 00 -7.832E-03 4.031E 02 4.676E 02 5.459E 01 00 -7.832E-03 3.986E 02 4.576E 02 5.459E 01 01 0399E-03 4.221E 02 4.576E 02 5.459E 01 01 0399E-03 4.321E 02 4.576E 02 5.459E 01 02 0.4.904E-03 4.351E 02 4.786E 02 5.459E 01 03 0.681E-03 4.354E 02 4.786E 02 5.459E 01 04 0.02E-03 4.386E 02 6.786E 02 5.459E 01 05 0.4.904E-03 4.387E 02 5.459E 01 06 0.5.372E-04 4.388E 02 5.459E 01 07 0.5.372E-04 4.388E 02 5.459E 01 08 0.5.372E-04 4.388E 02 5.459E 01 09 0.5.372E-04 4.388E 02 5.459E 01 00 0.5.372E-03 4.059E 02 5.459E 01 01 0.584E-03 4.059E 02 5.459E 02 01 0.584E-03 4.059E 02 5.459E 02 01 0.584E-03 5.059E 02 5.459E 01	E-01
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00 -7.592E-03 4.031E 02 4.515E 02 5.49E 01 -7.592E-03 4.031E 02 4.57E 02 5.49E 01 -7.592E-03 4.031E 02 4.57E 02 5.49E 01 -7.832E-03 4.125E 02 4.57E 02 5.457E 01 -1.336E-03 4.327E 02 4.57E 02 5.457E 01 -1.099E-03 4.327E 02 4.57E 02 5.49E 01 -1.099E-03 4.327E 02 4.79E 02 5.49E 01 -1.904E-03 4.131E 02 4.99E 02 5.49E 01 -1.904E-03 4.059E 02 4.993E 02 5.459E 01 -2.38E-03 3.58E 02 5.45E 02 5.45E 01 -2.38E-03 4.367E 02 5.45E 02 5.45E 01 -2.38E-03 4.250E 02 5.167E 02 5.45E 01 -2.38E-03 4.250E 02 5.167E 02 5.45E 01 -2.206E-03 4.250E 02 5.167E 02 5.45E 01 -4.105E-03 4.250E 02 5.13E 02 5.45E 01 -4.105E-03 4.250E 02 5.13E 02 5.45E 01 -1.584E-03 4.250E 02 5.213E 02 5.45E 01 -1.584E-03 4.250E 02 5.213E 02 5.45E 01 -1.614E-03 4.25E 02 5.213E 02 5.45E 01 -1.614E-03	-
00 -1.33 \(\text{C} \) -1.35 \(\text{C} \) -1.25 \(\text{C} \) -1.35	10-10
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00 1.099E-03 4.321E 02 4.6EEE 02 5.452E 01 00 -1.629E-03 4.422E 02 4.730E 02 5.49E 01 00 -1.629E-03 4.422E 02 4.730E 02 5.49E 01 00 -2.39E-03 4.059E 02 4.839E 02 5.451E 01 00 -2.38E-03 3.58E 02 4.893E 02 5.456E 01 00 -2.38E-03 4.181E 02 4.49E 02 5.456E 01 00 -5.230E-03 4.250E 02 5.052E 02 5.49E 01 00 -4.105E-03 4.250E 02 5.162E 02 5.49E 01 00 -1.584E-03 4.048E 02 5.23EE 02 5.45EE 01 00 -1.614E-03 4.048E 02 5.23EE 02 5.459E 01	10-5
00 3.688E-03 4.422E 02 4.730E 02 5.449E 01 01 -1.629E-03 4.354E 02 4.829E 02 5.453E 01 02 -1.904E-03 4.059E 02 4.829E 02 5.451E 01 03 -2.388E-03 3.588E 02 4.893E 02 5.456E 01 04 -0.02E-03 4.181E 02 4.545E 02 5.456E 01 05 -2.380E-03 4.181E 02 4.549E 02 5.454E 01 06 -5.230E-03 4.250E 02 5.162E 02 5.448E 01 07 -6.207E-03 4.250E 02 5.162E 02 5.448E 01 08 -4.105E-03 4.055E 02 5.213E 02 5.458E 01 09 -1.584E-03 4.048E 02 5.213E 02 5.459E 01 00 -1.584E-03 4.048E 02 5.213E 02 5.459E 01	1 15.
00 -1.6295-03 4.354E C2 4.784E 02 5.453E 01 - 4.904E-03 4.354E C2 4.784E 02 5.451E 01 - 01 -4.904E-03 4.354E 02 4.893E 02 5.450E 01 - 02 -2.388E-03 3.588E 02 4.545E 02 5.456E 01 - 03 -2.388E-03 4.181E 02 4.545E 02 5.454E 01 - 04 -5.230E-04 4.388E 02 5.052E 02 5.458E 01 - 05 -2.30E-03 4.250E 02 5.162E 02 5.448E 01 - 06 -4.105E-03 4.055E 02 5.213E 02 5.458E 01 - 06 -1.584E-03 4.048E 02 5.213E 02 5.458E 01 - 06 -1.614E-03 4.048E 02 5.213E 02 5.459E 01 - 07 -1.614E-03 4.048E 02 5.228E 02 5.455E 01 - 08 -1.614E-03 4.048E 02 5.328E 02 5.457E 01 - 09 -1.614E-03 4.048E 02 5.328E 02 5.457E 01 - 00 -1.614E-03 4.048E 02 5.328E 02 5.457E 01 - 00 -1.614E-03 4.048E 02 5.328E 02 5.457E 01 - 00 -1.614E-03 4.048E 02 5.328E 02 5.457E 01 - 00 -1.614E-03 4.048E 02 5.328E 02 5.457E 01 - 00 -1.614E-03 4.048E 02 5.328E 02 5.457E 01 - 00 -1.614E-03 4.048E 02 5.328E 02 5.457E 01 - 00 -1.614E-03 4.048E 02 5.328E 02 5.457E 01 - 00 -1.614E-03 4.048E 02 6.328E 02 5.457E 01 - 00 -1.614E-03 4.048E 02 6.328E 02 5.457E 01 - 00 -1.614E-03 4.048E 02 6.328E 02 6.457E 01 - 00 -1.614E-03 4.048E 02 6.328E 02 6.457E 01 - 00 -1.614E-03 4.048E 02 6.328E 02 6.457E 01 - 00 -1.614E-03 4.048E 02 6.328E 02 6.457E 01 - 00 -1.614E-03 4.048E 02 6.328E 02 6.457E 01 - 00 -1.614E-03 4.048E 02 6.328E 02 6.457E 01 - 00 -1.614E-03 4.048E 02 6.328E 02 6.457E 01 - 00 -1.614E-03 4.048E 02 6.328E 02 6.457E 01 - 00 -1.614E-03 4.048E 02 6.328E 02 6.457E 01 - 00 -1.614E-03 4.048E 02 6.328E 02 6.458E 01 - 00 -1.614E-03 4.048E 02 6.328E 02 6.458E 01 - 00 -1.614E-03 4.048E 02 6.328E 02 6.458E 01 - 00 -1.614E-03 4.048E 02 6.328E 02 6.458E 01 - 00 -1.614E-03 4.048E 02 6.458E 02 6.458E 02 6.458E 01 - 00 -1.614E-03 4.048E 02 6.458E 02 6	10-36
CO -4.904E-03 4.131E 02 4.639E 02 5.451E 01 -7.139E-03 4.039E 02 4.899E 02 5.450E 01 -7.139E-03 4.039E 02 4.899E 02 5.450E 01 -7.238E-03 4.181E 02 4.494E 02 5.456E 01 -7.238E-04 4.388E 02 5.052E 02 5.454E 01 -7.238E-04 4.388E 02 5.052E 02 5.458E 01 -7.250E 00 -4.105E-03 4.055E 02 5.13E 02 5.458E 01 -7.250E 00 -4.105E-03 4.055E 02 5.213E 02 5.458E 01 -7.250E 00 -1.584E-03 4.056E 02 5.213E 02 5.458E 01 -7.250E 02 5.458E 02 5.458E 01 -7.250E 02 5.250E 02 5.458E 01 -7.250E 02 5.458E 01 -7.250E 02 5.458E 01 -7.250E 02 5.250E 02 5.250E 02 5.250E 02	10-56
CC -7.1395-03 4.059E 02 4.893E 02 5.450E 01 -0.2.388E-03 3.588E 02 4.595E 02 5.456E 01 -0.2.388E-03 3.588E 02 4.595E 02 5.456E 01 -0.2.388E-03 4.388E 02 5.052E 02 5.448E 01 -0.2.230E-03 4.387E 02 5.177E 02 5.448E 01 -0.207E-03 4.055E 02 5.178E 02 5.448E 01 -0.207E-03 4.055E 02 5.178E 02 5.458E 01 -0.207E-03 4.055E 02 5.238E 02 5.458E 01 -0.207E-03 4.048E 02 5.238E 02 5.455E 01 -0.207E-03 4.048E 02 5.228E 02 5.455E 01 -0.207E-03 4.048E 02 5.228E 02 5.455E 01 -0.207E-03 4.048E 02 5.228E 02 5.457E 01 -0.207E-03 4.048E 02 5.228E 02 5.228E 02 5.457E 01 -0.207E-03 4.048E 02 5.228E 02 5.228E 02 5.457E 01 -0.207E-03 4.048E 02 5.228E 02 5.228E 02 5.457E 01 -0.207E-03 4.057E-03 4.057E-	.106E-01
00 -2.388E-03 3.588E 02 4.545E 02 5.456E 01 - 01 -2.388E-03 4.181E 02 4.545E 02 5.454E 01 02 -5.2372E-04 4.387E 02 5.052E 02 5.448E 01 - 03 -5.230E-03 4.250E 02 5.162E 02 5.458E 01 - 04.105E-03 4.055E 02 5.213E 02 5.448E 01 - 05.246E-03 4.055E 02 5.213E 02 5.458E 01 - 06 -4.105E-03 4.048E 02 5.228E 02 5.455E 01 - 07 -1.584E-03 4.048E 02 5.228E 02 5.457E 01 - 08 -1.614E-03 4.048E 02 5.328E 02 5.457E 01 - 09 -1.614E-03 4.048E 02 5.328E 02 5.457E 01 -	.9496-01
CO 4.002E-03 4.181E 02 4.59EE 02 5.454E 01 CO -5.372E-04 4.388E 02 5.62E 02 5.448E 01 - CC -5.230E-03 4.250E 02 5.167E 02 5.448E 01 - CC -6.207E-03 4.250E 02 5.162E 02 5.448E 01 - CO -4.105E-03 4.055E 02 5.213E 02 5.448E 01 - CO -1.584E-03 4.06F 02 5.213E 02 5.458E 01 - CO -1.584E-03 4.048E 02 5.228E 02 5.455E 01 - CO -1.614E-03 4.048E 02 5.328E 02 5.457E 01 -	36-01
CO -5.372E-04 4.388E 02 5.052E 02 5.448E 01 -0 00 -5.230E-03 4.381E 02 5.162E 02 5.448E 01 -0 00 -5.230E-03 4.250E 02 5.313E 02 5.448E 01 -0 00 -4.105E-03 4.055E 02 5.213E 02 5.459E 01 -0 00 -1.584E-03 4.056E 02 5.213E 02 5.455E 01 -0 00 -1.614E-03 4.048E 02 5.328E 02 5.457E 01 -0 00 00 00 00 00 00 00 00 00 00 00 00	1 10-5713.
00 -5.230£-03 4.3£7E 02 5.1(7E 02 5.448E 01 - CC -6.207E-03 4.250E 02 5.162E 02 5.450E 01 - 00 -4.105E-03 4.055E 02 5.213E 02 5.448E 01 - 00 -1.584E-03 4.3C7E 02 5.272E 02 5.455E 01 - 00 -1.614E-03 4.048E 02 5.328E 02 5.457E 01 -	1 10-3429
00 -4.105E-03 4.055E 02 5.162E 02 5.450E 01 - 00 -4.105E-03 4.055E 02 5.213E 02 5.448E 01 - 00 -1.584E-03 4.057E 02 5.272E 02 5.455E 01 - 00 -1.614E-03 4.048E 02 5.328E 02 5.457E 01 -	16-01
00 -4.105E-03 4.055E 02 5.213E 02 5.448E 01 -1. 00 -1.584E-03 4.307E 02 5.272E 02 5.455E 01 -4. 00 -1.614E-03 4.048E 02 5.328E 02 5.457E 01 -4.	1 16
00 -1.584E-03 4.048E 02 5.328E 02 5.455E 01 -4.	.948E-01 17.
790E GG -1.614E-03 4.U48E GZ 5.328E GZ 5.457E G1 -4.	55-01 17.
	.9256-01

EXPERIMENTAL CATA

VARIABLE LENGTH CABLE SYSTEMS DYNAMICS

RC3K	SUN	USCL.	TENS 10N	LENGTH	VELOCITY	ACCEL.	TENSICA	LENGTE	VELOCITY	ACCEL.
356	SFC	966	1.85	1	F1/SEC	F1/SEC/SEC	GE AP	ð	CM/SEC	CM/SEC/SEC
17.200	9.700	126.6	545	17.65	1.789£ 00	-1.62EE-03	. 24 2F		5.452E 01	-4-963E-0
17.300	6.100	192.0	-	17.84	1.788F CO	-2.252E-03	405E	5.438E 02	450	-6.863E-02
17.400	006.9	237.2	=	18.01		-3.6746-03	355E .		365	-1.120E-01
17.500	7.000	293.	-	18.20						2.84 ¿E-02
17.600	7.100	214.5	. 17	18.37	788E	-8.962E-04	.027E		30E	-2.73 2E-0
17.766	7.200	35.0		18.57		.116	- 0 CE		365	-1.255E-01
17.800	1.300	2115	5.152F-01	18.13		2.338	3591.		5.452E 01	-7.126E-02
17.900	1.400	145.6	5.548E-01	18.50		-5.163E-03	-	-		-1.574E-0
16.00C	7.500	201.0	5.7185-01	19.06		-1.758E-03	3		5.44EE 01	-5.480E-02
18.100	7.600	525.5	5.6C6E-01	19.23		-1.876E-03			5.450E 01	-5.718E-02
18.200	1.700	3111.2	9.106E+01	14.41		-5.359E-04	3			-1.646F-02
16.300	7.800	176.5	-31°	19.61		-5.7785-03	1		5.452E 01	-1.761E-01
304.81	1.900	53.4	27	19.80	ш	-6.212E-03	n			-1.893€-01
18.500	8.000	109.0	9.248E-01	19.58		-5.288E-05	155E		34E	-1.612E-0
18.600	8.100	162.3	25	20.14		-2.14 2E-03	.356E		3254	-6.532E-02
001.81	8.200	\$18°	99	20.32	188E	1.834E-03	6	-	364	5.59CE-02
18.800	8.300	274.3	5.318E-01	20.51		-3.201E-04				-9.756E-C
006-81	8.400	325.6	8.83E-01	50.69		-5.597E-03			5.451E 01	-1.706E-01
000-61	9.500	67.2	8 .803E-01	50.89		-1.743E-03	-	15 E	346	-2.360E-01
15.100	3.600	72.0	8.982E-01	21.08		-6.5135-03	4.014E 02			-388E-
19.200	6.700	127.3	8	21.24		171			316	1.56 IE-02
006.6	8.800	182.5	9.782E-01	21.41		112	310	527E	315	1.0416-01
2.466	9.500	237.5		21.58		1.503	4.412E 02		361	-4.581E-0
005.6	000.6	₹63.€	9.267E-01	21.15	1.789E 00	-1.884E-03			5.452E 01	743
009.6	9.100	267.€	88	21.93		:			16	-274E-
9.700	6.200	36.1		22.11		-4.729E-03	3906.		53E	-1.4415-01
008-61	9.300	91.6	8.934E-01	22.28		. 561	36		5	4.755E-02
2005	2.400	14/-1		22.45		2.825E-03	- 330E		452E	8.610E-C
00000	005.5	202.1	5.8£0c-01	22.61				852E	4 BE	5.489E-C
001.0	009.6	258.2	9.537E-01	18.27		2		3555	52E	-1.786E-01
20.266	2.700	314.1	8.9235-01	22.58		:	. 048E		5.449E 01	-2.333E-01
00000	008.6	150.1	60E	23.18	188E	-4.562E-03	1270.	064E	450E	-1.390E-01
004.0	005-6	56.8	8-818E-01	23.36		-1.085E-03	3000 ·	121E	-	-3.308E-02
20.500	10.000	112.6	999	23.52		4.219E-03	.2C3E	17CE		1.286E-(
009.02	10.100	167.5		23.70		5.	354€	223€	452E	-7.228E-02
001.02	10.200	222.5	215	23.68	36		. 426E			1
008.0	10.300	278.5	5.429E-01	54.06			.277E	. 334E	5.450E 01	-1.4936-01
50.900	10.400	334.4		24.22		0	306	382E	36	-1.518E-01
1.000	10.500	34.5	48F	24.42	ш		. 923E	. 444E	3E	-720E-
21.100	10-600	76.5	3	24.59	3 6			455E	34	-2.044E-02
21.200	10.700	131.2	34	24.74	36			. 542E	3	-1.620E-0
21.300	10.800	186.1		24.90		-5.333E-03		- 588E	17E	-1.625E-01
004-12	10.900	241.1	3	25.07	1 E	0:0	.377E.	E 4 CE		-2.166F-01
21.500	11.000	297.6	9.157E-01	25.26			.153	669	36	-530E-
11.000	11.100	251.6	35E	25.44	14	-3.250E-03	4 BE	34 5 !	446E	003

EXPERIMENTAL DATA

DSCL. TENSICN
C LBS FT FT/SEC
76-01 25.83 1.
. 6 9.625E-01 25.99 1.7
9.5335-01
6E-01 26.53 1.
8.811E-01 26.74 1.789
8.7536-01 26.54 1.
5.326E-01 27.10 1.7881
5.764E-01 27.25 1.7
5.803E-01 27.41 1
5.354E-01 27.60 1.7
8.846E-01 27.74 1.786
8.650E-01 27.56 1.
8.8E1E-C1 28.14 1.
9.432E-01 28.31 1.788E
2. 154E-01 28
701.1 28.62 10.00
9 1 17E-01 28 63
8.4505-01 29.23 1.789F
E-01 29
5.635E-01 29.54
9.9116-01 29.72
5.585E-01 29.51 1
8.864E-01 30.05 1
8.627E-01 30.24 1.788
£.5fg=-01 30.44 1.789
5.244E-01 30.58 1.
1 30.75 1.786
5.1/3c-01 20.52
9.264
8.6435-01 31.30 1
E-4312-01 31-51 10
8.781E-01 31.65 1
5.410E-01 -11.E0 1.
3.55. ZE-01 22.52
9.7365-01 32.21
1 6.1485-01 32.40
.6 8.699E-01 22.57 1.
.E 8.223E-01 32.78 1.7
t E.t24E-01 32.55 1.
.0 9.437F-01 33.10 1.7
1 33.26 1
1.1
C 8.8525-01 33.61
2000 100000 100000 100000
1.1 E.S.1/E-U1 33.83 1.18

EXPEDIMENTAL DATA

					ENGL 1	ENGLISH UNITS			PETRIC UNITS	LNITS	
	RCDR	RUN	CSCL.	TENSI CN	LENG TH	VELCCITY	ACCEL.	TENS ICN	LENGTH	VELOCITY	ACCEL.
	TIME	TIPE	ANCLE								
	SEC	SEC	396	1.85	FT	FT/SEC	F1/SEC/SEC	GRAP	t	CP/SEC	CM/SEC/SEC
	76.400	15.500	64.1	105	34.00	1.789E CO	5.CS3E-04	3.8566 02	1.036E 03	5.452E 01	1.552E-02
	24.566	10.000	126.5	1535	34.19	1.787E 00	2.0E 7E-04	4.152E C2	1,C42E 03	**	362E-
	26.66	16.100	175.5	5.7795-01	34.35	1.787E CO	1.4391-03		1.C47E C2	44.	
	26.700		231.1	8	24.51		1.6655-04		1.0526 03	4.	
	26.866	16.300	287.6		34.69	1.787E 00	-6.3185-03		1.C57E 03	47E	-1.926E-01
	26.900	16.400	306.5	E.5C16-01	34.86	37E			1.063E 03		307
	27.000	16.500	1.62	S.	35.06	1.789E CC	7.175		1. C65E 03	452E	-2.187E-01
	27.166	16.600	1.53	_	35.27	0	4.487E-03	3659	1.C. 5E C3	45	1.367E-01
	27.200	16.700	140.3	_	25.43	1.788E CO	719		1.080£ 03	3694	
	27.300	16.800	195.7	•	35.60	1.786E 00	-4.036E-03		1.CESE 03	775	
	27.400	16.500	250.5	•	35.74	1.787E 00			1.089E C2	446E	
	27.506	17.090	305.8		25.53	1.787E CC	5		1.0956 03	4466	-1-680F-01
	27.606	17.100	205.0	8-605F-01	36.12	1.786F GO	3		1.101F 03	456	
	27.100	17.200	47.7	Also:	26.30	1.788E CO			1.1666 (2		-7.906F-02
	27.800	17.300	103.7	8.778E-01	36.47	1.787E CO			1.1116 03	4475	-1.010F-02
	27.500	17.400	158.5	5-602F-01	36.63	1.787F 00			1.1166 (3	AAF	1-0006-01
	28.000	17.500	213.4	1.0036 00	26.79	0		4.1526 02	1.1216 03		-1 754E-01
	28.100	17.600	268.4	9.7375-01	37.01				1.1286 03		
	28.700	17.700	323.6	8.563F-01	37.17	1.786 00	, ,	4 - 06 18 02	1.1326 03	7777	1.0325.01
	28.300	17.800	C 8 2	F-427F-01	37. 39				1 1306 03	307	10 7350-1
	26.400	17.500	***	8-2545-01	37.56	9 0	7.0116-03		1 1486 03		2 1335-01
	28.500	18-000	121.1	P. P. 75-01	37.72	1.788F 00	-2.3745-03		1.1606 02	4496	-7. 2346-02
	28.600	18.100	176.5	9-6985-01	27.89	9 6	-1.38CF-03		1. 1566 03	5.4476 01	-4. 208E-02
	28.700	18.200	232.1	9-9146-01	38.07	1.786F 00	. 0	46.76	1. 1666 03		-7.694 F-02
	28.800	18.300	287.8	9.4165-01	38.26		189		1.1666 03		-1.2775-01
	28.900	18.400	302.4	8.77-01	38.43	1.786E 00	240	3.952E 02	1.1716 03	443E	6-829E-02
	29.000	18.500	25.5	10-3925-9	38.65	0	-4.8181-03		1.1788 03	5.453E 01	-1.468E-01
	29.100	18.600	86.4	E. £ 276-01	38.80	1.787E CO	2.563E-03		1.183£ 03	:	7.813€-02
	29.200	18.700	141.50	5.347E-01	38.86	O	-1.9506-03	3042	1. 188E 03	(8)	-6.065E-02
	29.300	18.600	157.6	5.528E-01	39.10	1.786E CO	-5.335E-03		1.1926 03	5.442E 01	
	29.400	19.500	252.0		39.25	9			1.1966 03	5.444E 01	5.845E-02
	25.500	19.000	308.2	5.2805-01	36 . 35	1.787E 00	-2.842E-03		1.15SE 03	w	-8.661E-02
	29.66	19.100	184.0		35.45	1.787E 00	1.8205-03		1.2046 03		
	25.700	19.200	51,2		39.71	1.789E CO	-2.803E-03		1.210€ 03		-8.543F-02
	25.866	15.300	1		39.86	0	6.335		1.2156 63	5.448E 01	-1.531E-01
	29.900	19.400	1		40.00	0	.012		1.219€ 03	5.446E 01	1.832E-02
	30.000	19.500			40.16	1.786E CO	-3.55EE-03	4.502E 02	1.224E 03	43E	-1.206F-01
	30.106	194600			40.38	0	3.3095-03		1.231E 02	5.4476 01	1.005E-01
	30.200	19.100			40.55	1.787E CC			1.236E 03	5.446E 01	-2.053E-02
	30.306	15.800			40.79	0			1.242E C3		-1.589E-01
	30,400	19.500			40.56	788E C	.375		1.248E C3	5.4496 01	-4.191E-02
	30.50€	20.000		•	41.11	B7E C	-6.16 5E-03		1.253E 03	5.446E 01	-1.879E-01
/	309.06	20.100			41.26	C	2.886E-03	4.378E G2	1.25EE 03	5.443E 01	8.797E-02
1	30.700	20.200			41.43	1.786E 00	.116	0	1.263£ 03	5.442E 01	*
	30.800	20.300			41.62	1.787E 00	-1.948E-05	4.355E 02	1.265E 03	5.445E 01	-5.938E-04
	30.900	20.400			41.17	1.786E 30	-8.628E-04	4.351E 02	1.272E G3	5.444E 01	-2.630E-02

EXPERIMENTAL DATA

1.55 1.75EC 1.75EC/5EC GRAP	4	TENSION
787E 00 -1.042E-U2 3.082E 02 1.280E 03 5.44EE 01 -3.64EE 00 -1.642E-U2 3.061E 02 1.26EE 02 5.44EE 01 -3.64EE 00 -1.642E-U3 3.061E 02 1.26EE 02 5.44EE 01 -3.64EE 00 -1.642E-U3 4.37E 02 1.26EE 02 5.44EE 01 -3.64EE 01 -3.64	LBS FT	
10	18-01 41	18-01 41
786 E CO	94t-01	94t-01
10	8.1375-01 42.31 C 5945-01 42.47	375-01
10	875-01 42	875-01 42
1985 00 -2,438E-03 4,018E 02 1,312E 03 5,446E 01 -8,549E-03 3,407E 02 1,323E 03 5,446E 01 -8,549E-03 3,407E 02 1,323E 03 5,446E 01 -8,549E-03 3,407E 02 1,323E 03 5,446E 01 -8,549E 03 5,446E 01 -8,549E 03 5,449E 03 5,	18E-01 42	18E-01 42
1.00		37E-01
10	C7F-01	C7F-01
100 10 10 10 10 10 10 1	246-01	246-01
10.00 1.00		10-35
786 CO	10-11	10-11
787F C0 -5.539E-03	256-01	256-01
786 E CO -2.622E-03 3.528E O2 1.356E O3 5.449E O1 -7 786 E CO -6.757E-03 3.728E C2 1.356E O3 5.449E O1 -2.439E O1 786 E CO -1.577E-04 4.526E O2 1.371E O3 5.440E O1 2.439E O1 786 E OO -1.778E-04 4.526E O2 1.371E O3 5.446E O1 -2.439E O1 786 E OO -1.745E-03 4.451E O2 1.376E O3 5.446E O1 -2.431E O1 786 E OO -1.745E-03 3.534E O2 1.356E O3 5.446E O1 -1.745E O1 787 E OO -1.745E-03 4.403E O2 1.404E O3 5.444E O1 -1.745E O1 787 E OO -2.352E-03 4.403E O2 1.414E O3 5.444E O1 -1.745E O1 787 E OO -2.352E-03 4.403E O2 1.414E O3 5.444E O1 -1.745E O1 787 E OO -2.352E-03 4.403E O2 1.414E O3 5.444E O1 -1.745E O1 787 E OO -2.352E-03 4.403E O2 1.414E O3 5.444E O1 -1.726E-03 4.451E O1 -1.414E O1	C4E-01	.3C4E-01
784E CO	79E-01 44.4	79E-01 44.4
784E CG		42E-01
785E 00 7.737E-04 4.52CE 02 1.371E 03 5.440E 01 2.736E 00 3.585E-03 4.450E 02 1.376E 03 5.446E 01 2.736E 00 -5.791E-04 4.33E 02 1.382E 03 5.446E 01 2.746E 00 -1.047E-02 3.68E 02 1.364E 02 1.364E 02 1.364E 01 2.746E 01 -2.746E 00 -1.047E-03 3.534E 02 1.364E 03 5.447E 01 -3.786E 00 -4.2352E-03 4.586E 02 1.416E 03 5.444E 01 1.785E 00 2.352E-03 4.586E 02 1.416E 03 5.447E 01 1.786E 00 4.211E-03 4.586E 02 1.416E 03 5.447E 01 1.786E 00 4.211E-03 4.580E 02 1.416E 03 5.447E 01 1.786E 00 4.211E-03 4.580E 02 1.416E 03 5.447E 01 1.786E 00 2.524E-03 3.567E 02 1.428E 03 5.447E 01 2.786E 00 -5.254E-03 3.567E 02 1.432E 03 5.447E 01 1.786E 00 -5.254E-03 3.567E 02 1.432E 03 5.447E 01 1.786E 00 -5.254E-03 3.567E 02 1.432E 03 5.447E 01 1.786E 00 -5.254E-03 3.567E 02 1.432E 03 5.447E 01 1.786E 00 -5.254E-03 3.567E 02 1.452E 03 5.447E 01 1.786E 00 -5.254E-03 3.567E 02 1.452E 03 5.447E 01 1.786E 00 -5.254E-03 3.567E 02 1.452E 03 5.447E 01 1.786E 00 -5.254E-03 3.567E 02 1.456E 03 5.447E 01 1.786E 00 -5.254E-03 3.567E 02 1.456E 03 5.447E 01 1.786E 00 -5.254E-03 3.567E 02 1.456E 03 5.447E 01 1.786E 00 -5.254E-03 3.567E 02 1.456E 03 5.447E 01 1.786E 00 -5.254E-03 3.567E 02 1.456E 03 5.447E 01 1.786E 00 -5.254E-03 3.567E 02 1.456E 03 5.447E 01 1.786E 00 -5.254E-03 3.567E 02 1.456E 03 5.447E 01 1.786E 00 -5.254E-03 3.567E 02 1.456E 03 5.447E 01 1.786E 00 -5.254E-03 3.567E 02 1.456E 03 5.447E 01 1.786E 00 -5.254E-03 3.567E 02 1.456E 03 5.447E 01 1.786E 00 -5.254E-03 3.567E 02 1.456E 03 5.447E 01 1.786E 00 -5.254E-03 3.567E 02 1.456E 03 5.447E 01 1.786E 00 -5.2546E-03 3.567E 02 1.456E 03 5.447E 01 1.786E 00 -5.2546E-03 3.567E 02 1.456E 03 5.447E 01 1.786E 00 -5.2546E-03 3.567E 02 1.456E 03 5.447E 01 1.786E 00 1.567E 0	£ 2E-01	£ 2E-01
786E CO	785-01	78E-01
786E CO	1965-01 45-1	1965-01 45-1
787E 00 -1.745E-03 3.534E 02 1.254E 02 5.447E 01 -1.745E 03 3.571E 02 1.254E 03 5.447E 01 -1.745E-03 4.496E 02 1.404E 03 5.444E 01 1.875E 00 2.352E-03 4.496E 02 1.410E 03 5.444E 01 1.877E 00 4.251E-03 4.360E 02 1.410E 03 5.445E 01 1.877E 00 4.596E-04 4.327E 02 1.416E 03 5.445E 01 1.877E 00 6.596E-04 4.377E 02 1.422E 02 5.446E 01 2.877E 00 -9.516E-03 3.528E 02 1.422E 02 5.446E 01 -2.878E 00 -3.516E-03 3.504E 02 1.432E 02 5.446E 01 -2.878E 00 2.622E-03 3.504E 02 1.432E 03 5.442E 01 -2.878E 00 -3.516E-03 3.504E 02 1.441E 03 5.442E 01 -2.878E 00 -7.551E-03 3.518E 02 1.452E 03 5.442E 01 -2.878E 00 -7.551E-03 3.518E 02 1.452E 03 5.442E 01 -2.878E 00 -7.551E-03 3.518E 02 1.452E 03 5.442E 01 -2.878E 00 -2.625E-03 4.779E 02 1.452E 03 5.445E 01 -3.878E 00 -2.625E-03 4.279E 02 1.496E 03 5.445E 01 -3.878E 00 -2.625E-03 4.279E 02 1.496E 03 5.445E 01 -3.878E 00 -2.625E-03 3.371E 02 1.496E 03 5.445E 01 -3.878E 00 -2.626E-03 3.371E 02 1.496E 03 5.445E 01 -3.878E 00 -2.626E-03 4.378E 02 1.496E 03 5.445E 01 -3.878E 00 -2.626E-03 4.378E 02 1.452E 03 5.445E 01 -3.878E 00 -2.626E-03 4.378E 02 1.452E 03 5.445E 01 -3.878E 00 -2.666E-03 4.378E 02 1.452E 03 5.445E 01 -3.878E 00 -2.666E-03 4.378E 02 1.452E 03 5.445E 01 -3.878E 00 -2.666E-03 4.378E 02 1.452E 03 5.445E 01 -3.878E 00 -2.666E-03 4.378E 02 1.452E 03 5.445E 01 -3.878E 00 -2.666E-03 4.397E 02 1.452E 03 5.445E 01 -3.878E 00 -2.666E-03 4.397E 02 1.452E 03 5.445E 01 -3.878E 00 -2.666E-03 4.397E 02 1.452E 03 5.445E 01 -3.878E 00 -3.6445E 01 -3.878E 00 -3.8788E 00 -3.8788E 00 -3.8788E 00 -3.8788E 00 -3.8788E 00 -3.	8-130=-01 45-58	305-01 45.5
785E CO -4.832E-03 3.571E O2 1.355E C3 5.44FE O1 -1.755E C0 2.352E-03 4.403E C2 1.405E C3 5.44FE O1 7.755E C0 2.352E-03 4.403E C2 1.405E C3 5.44FE O1 7.757E C0 1.038E-03 4.350E C2 1.415E C3 5.445E O1 1.757E C0 -9.516E-03 3.528E C2 1.428E C3 5.445E O1 -2.754E-03 3.528E C2 1.428E C3 5.445E O1 -2.754E-03 3.528E C2 1.428E C3 5.445E O1 -2.754E-03 3.507E C2 1.428E C3 5.445E O1 -1.758E C0 2.622E-03 3.567E C2 1.476E C3 5.445E O1 1.758E C0 -4.734E-03 4.567E C2 1.476E C3 5.446E O1 1.758E C0 -4.734E-03 4.561E C2 1.476E C3 5.445E O1 1.758E C0 -4.734E-03 3.962E C2 1.465E C3 5.446E O1 -2.7551E-03 3.978E C2 1.465E C3 5.446E O1 -2.7551E-03 4.737E C2 1.465E C3 5.446E O1 -2.7551E-03 4.737E C2 1.451E C3 5.446E O1 -2.7551E-03 4.737E C2 1.451E C3 5.446E O1 -2.7551E-03 3.977E C2 1.451E C3 5.446E O1 -2.7551E-03 4.737E C2 1.552E C3 5.446E O1 -2.7551E-03 4.737E C3 1.552E C3 5.446E O1 -2.7551E-03 6.757E C3 5.446E O1 -2.7551E-03 6.75	12F-01 4	12F-01 4
785 E 00 2.352E-03 4.403E G2 1.404E G3 5.444E 01 7.786E 00 1.2352E-03 4.403E G2 1.416E G3 5.444E 01 1.786E 00 1.203E-03 4.586E G2 1.416E G3 5.446E 01 1.787E 00 6.596E-04 4.526E G2 1.428E G3 5.446E 01 2.787E 00 -9.516E-03 3.528E G2 1.428E G3 5.446E 01 -2.786E G0 -5.254E-03 3.528E G2 1.428E G3 5.442E 01 -2.786E G0 2.5254E-03 3.507E G2 1.428E G3 5.442E 01 -1.786E G0 -4.734E-03 4.554E G2 1.447E G3 5.442E 01 1.787E G0 -4.734E-03 4.554E G2 1.447E G3 5.442E 01 1.787E G0 -4.734E-03 3.902E G2 1.465E G3 5.442E 01 1.287E G0 -7.551E-03 3.902E G2 1.465E G3 5.446E G1 -2.785E G0 -7.551E-03 3.902E G2 1.465E G3 5.446E G1 -2.785E G0 -7.551E-03 3.902E G2 1.465E G3 5.446E G1 -2.785E G0 -7.551E-03 3.902E G2 1.465E G3 5.446E G1 -2.785E G0 -7.551E-03 3.902E G2 1.496E G3 5.446E G1 -2.785E G0 -2.652E-03 4.779E G2 1.496E G3 5.446E G1 -2.785E G0 -2.652E-03 3.978E G2 1.459E G3 5.446E G1 -3.785E G0 -2.652E-03 3.978E G2 1.459E G3 5.446E G1 -3.785E G0 -2.652E-03 3.978E G2 1.459E G3 5.446E G1 -3.785E G0 -2.652E-03 3.978E G2 1.597E G3 5.449E G1 -3.785E G0 -2.652E-03 3.977E G2 1.597E G3 5.449E G1 -3.785E G0 -2.652E-03 3.977E G2 1.597E G3 5.449E G1 -3.785E G0 -2.652E-03 3.977E G2 1.597E G3 5.449E G1 -3.785E G0 -2.652E-03 4.939E G1 -3.785E G0 -2.652E-03 4.939E G1 -3.786E G0 -2.652E-03 3.977E G2 1.597E G3 5.449E G1 -3.786E G0 -2.652E-03 4.939E G2 1.597E G3 5.449E G1 -3.786E G0 -2.652E-03 4.939E G2 1.597E G3 5.449E G1 -3.786E G0 -2.652E-03 4.939E G2 1.597E G3 5.449E G1 -3.786E G0 -2.652E-03 4.939E G2 1.597E G3 5.449E G1 -3.786E G0 -2.652E-03 4.939E G1 -3.786E G0 -2.654E-03 4.93	543-01	543-01
787E 00 1.038E-03 4.350E 02 1.426E 03 5.445E 01 3.787E 00 0.596E-04 4.326E 02 1.428E 03 5.445E 01 2.787E 00 0.596E-04 4.326E 02 1.428E 03 5.447E 01 2.786E 00 2.524E-03 3.528E 02 1.428E 03 5.447E 01 2.786E 00 2.622E-03 3.528E 02 1.428E 03 5.442E 01 2.7845E 00 2.622E-03 4.547E 02 1.447E 03 5.442E 01 1.785E 00 0.056E-03 4.547E 02 1.447E 03 5.442E 01 1.785E 00 0.7251E-03 4.305E 02 1.465E 03 5.442E 01 1.787E 00 2.085E-03 3.730E 02 1.465E 03 5.446E 01 2.786E 00 0.7251E-03 4.134E 02 1.465E 03 5.444E 01 1.287E 00 0.7251E-03 4.134E 02 1.465E 03 5.444E 01 1.287E 00 0.2652E-03 4.577E 02 1.465E 03 5.444E 01 1.287E 00 0.2652E-03 4.577E 02 1.465E 03 5.444E 01 1.287E 00 0.2652E-03 4.577E 02 1.465E 03 5.444E 01 1.287E 00 0.2652E-03 3.371E 02 1.454E 03 5.444E 01 1.287E 00 0.2652E-03 3.371E 02 1.454E 03 5.444E 01 1.287E 00 0.2652E-03 3.371E 02 1.454E 03 5.444E 01 1.287E 00 0.2652E-03 3.371E 02 1.454E 03 5.444E 01 1.287E 00 0.2652E-03 4.597E 02 1.454E 03 5.444E 01 1.287E 00 0.2652E-03 3.371E 02 1.577E 03 5.444E 01 1.287E 00 0.2652E-03 4.597E 02 1.577E 03 5.444E 01 1.287E 00 0.2652E-03 4.597E 02 1.577E 03 5.444E 01 1.287E 00 0.2652E-03 4.597E 02 1.577E 03 5.444E 01 1.287E 00 0.2652E-03 4.597E 02 1.577E 03 5.444E 01 1.287E 00 0.2652E-03 4.597E 02 1.577E 03 5.444E 01 1.287E 00 0.2652E-03 4.597E 02 1.577E 03 5.444E 01 1.287E 00 0.2652E-03 4.597E 02 1.577E 03 5.444E 01 1.287E 00 0.2652E-03 4.597E 02 1.577E 03 5.444E 01 1.287E 00 0.2652E-03 4.597E 02 1.577E 03 5.444E 01 1.287E 00 0.2652E-03 4.597E 02 1.577E 03 5.444E 01 1.287E 00 0.2652E-03 4.597E 02 1.577E 03 5.444E 01 1.287E 00 0.2652E-03 4.597E 02 1.577E 03 5.444E 01 1.287E 00 0.2652E-03 4.597E 02 1.577E 03 5.444E 01 1.287E 00 0.2652E-03 4.597E 02 1.577E 03 5.444E 01 1.287E 00 0.2652E-03 4.597E 02 1.577E 03 5.444E 01 1.287E 00 0.2652E-03 4.597E 02 1.577E 03 5.444E 01 1.287E 00 0.2652E-03 4.697E 01 1.287E 03 5.444E 01 1.287E 00 0.2652E-03 4.441E 01 1.287E 03 5.444E 01 1.287E 00 0.2652E-03 5.444E 01 1.287E 00 0.2652E-03 6.444E 01 1.287E 00 0.2652E-03 6.444E 01 1.287E 00 0.2652E-03 6.4	07E-01	07E-01
00 6.596E-04 4.022E 02 1.428E 03 5.44E 01 -2.28E 03 1.428E 03 5.44E 01 -2.42E 03 5.44E 01 -2.43E 03 -3.58E 03 1.428E 03 5.442E 01 -2.43E 03 -3.54E 03 -4.45E 03 -4.46E 01 -1.43E 03 5.442E 01 -1.43E 03 5.444E 01 -1.43E 03 5.444E 01 -1.43E 03 <td< td=""><td>56F-01 46.4</td><td>56F-01 46.4</td></td<>	56F-01 46.4	56F-01 46.4
00 -9.516E-03 3.528E 02 1.428E 03 5.447E 01 -2.254E-03 3.57FE 02 1.428E 03 5.447E 01 -1.254E 03 5.447E 01 -1.254E 03 5.442E 01 -1.254E 03 5.442E 01 -1.254E 03 5.442E 01 1.471E 03 5.442E 01 1.471E 03 5.442E 01 1.471E 03 5.442E 01 -1.254E 03 1.471E 03 5.442E 01 -1.254E 01 <td>665-01</td> <td>665-01</td>	665-01	665-01
CO -5.2546-03 3.5776 02 1.4326 02 5.4436 01 -1. CO 2.6222-03 3.3046 02 1.4416 03 5.4406 01 7. CO 6.0566-03 4.5416 02 1.4476 03 5.4426 01 1. CO -4.7346-03 4.3056 02 1.4576 03 5.4426 01 1. CO -7.266-03 3.9026 02 1.4566 03 5.4426 01 1. CO -7.266-03 3.9026 02 1.4666 03 5.4426 01 1. CO -7.266-03 3.9026 02 1.4666 03 5.4466 01 -2. CO -7.656-03 3.7406 02 1.4666 03 5.4466 01 -1. CO -7.656-03 4.1346 02 1.4966 03 5.4466 01 -1. CO -6.656-03 4.796 02 1.4966 03 5.4466 01 -1. CO -6.656-03 4.796 02 1.4966 03 5.4466 01 -1. CO -6.656-03 4.796 02 1.4966 03 5.4466 01 -1. CO	10-361	10-361
2.6. 2.6.22=0.3 3.74E 02 1.43E 02 2.440E 01 7.6. 3.6.05E=0.3 4.45E 02 1.441E 03 5.442E 01 1.6. 0.6. 0.6. 0.6. 0.6. 0.6. 0.6. 0	32F-01	32F-01
CG -4.734E-03 4.305E 02 1.447E 03 5.442E 01 1.6 CG -4.734E-03 4.305E 02 1.447E 03 5.442E 01 1.6 CG -4.734E-03 4.305E 02 1.447E 03 5.442E 01 1.6 CG -4.734E-03 3.601E 02 1.465E 03 5.442E 01 -2.6 CG -7.551E-03 3.601E 02 1.465E 03 5.447E 01 -2.6 CG -7.551E-03 3.730E 02 1.465E 03 5.447E 01 -2.6 CG -7.551E-03 4.779E 02 1.496E 03 5.447E 01 -1.6 CG -2.652E-03 4.279E 02 1.496E 03 5.444E 01 -1.6 CG -2.263E-03 4.279E 02 1.496E 03 5.444E 01 -1.6 CG -2.263E-03 3.311E C2 1.496E 03 5.449E 01 -1.6 CG -2.263E-03 3.311E C2 1.502E 03 5.449E 01 -1.6 CG -2.263E-03 3.311E C2 1.502E 03 5.449E 01 -1.6 CG -2.263E-03 3.311E C2 1.502E 03 5.449E 01 -1.6 CG -2.263E-03 3.311E C2 1.502E 03 5.449E 01 -1.6 CG -2.263E-03 4.350E 02 1.517E 03 5.449E 01 -1.6 CG -2.263E-03 4.350E 02 1.517E 03 5.449E 01 -1.6 CG -2.263E-03 4.522E C2 1.522E 03 5.441E 01 -1.6 CG -1.6 17E 03 5.441E 01 -1.6 CG -	C7E-01	C7E-01
CG -4.734E-03 4.305E 02 1.452E 03 5.442E 01 -1.2 CG -7.55EE-03 3.40EE 02 1.465E 03 5.449E 01 -2.2 E CO -7.55EE-03 3.41EE 02 1.465E 03 5.449E 01 -2.2 E CO -2.085E-03 4.79E 02 1.49E 03 5.441E 01 -1.2 E CO -2.085E-03 4.79E 02 1.49E 03 5.449E 01 1.2 E CO -2.085E-03 4.27E 02 1.49E 03 5.449E 01 1.2 E CO -2.263E-03 3.31E 02 1.49E 03 5.449E 01 -3.2 E CC -2.263E-03 3.31E 02 1.45E 03 5.449E 01 -3.2 E CO -2.086E-03 3.31E 02 1.502E 03 5.449E 01 -3.2 E CO -2.086E-03 3.31E 02 1.502E 03 5.449E 01 -3.2 E CO -2.086E-03 3.31E 02 1.502E 03 5.449E 01 -3.2 E CO -2.086E-03 4.532E 02 1.517E 03 5.449E 01 -3.2 E CO -2.086E-03 4.532E 02 1.517E 03 5.449E 01 -3.2 E CO -2.086E-03 4.532E 02 1.517E 03 5.449E 01 -3.2 E CO -2.086E-03 4.522E 02 1.517E 03 5.441E 01 -3.2 E CO -1.617E-03 4.522E 02 1.522E 03 5.441E 01 -3.2	10-187	10-187
1.788E CO -7.2E65-03 3.9GZE G2 1.46GE G3 5.448E 01 -2. 1.787E G0 -7.551E-03 3.61EE G2 1.46GE G3 5.447E G1 -2. 1.786E G0 -4.656E-03 4.134E G2 1.446E G3 5.447E G1 -1. 1.786E G0 5.41EE-33 4.134E G2 1.446E G3 5.441E G1 1.786E G0 2.085E-03 4.277E G2 1.486E G3 5.441E G1 1.786E G0 -2.652E-03 4.247E G2 1.486E G3 5.449E G1 -3. 1.786E G0 -2.652E-03 4.247E G2 1.496E G3 5.449E G1 -3. 1.786E G0 -2.652E-03 3.311E G2 1.496E G3 5.449E G1 -3. 1.785E G0 -2.662E-03 3.311E G2 1.567E G3 5.449E G1 -3. 1.785E G0 -2.68E-03 3.316 G2 1.572E G3 5.449E G1 -3. 1.785E G0 -2.68E-03 3.316 C2 1.572E G3 5.449E G1 -3. 1.785E G0 -2.68E-03 4.995E G2 1.517E G3 5.449E G1 -3. 1.786E G0 -1.617E-03 4.522E G2 1.512E G3 5.441E G1 -4.		\$ 2 - C1
1.787E 00 -7.551E-03 3.61EE 02 1.465E 03 5.447E 01 -2. 1.786E 00 -4.656E-03 3.730E 02 1.465E 03 5.447E 01 -1. 1.786E 00 -2.685E-03 4.134E 02 1.466E 02 5.444E 01 1.786E 00 2.685E-03 4.247E 02 1.466E 03 5.444E 01 1.786E 00 -2.652E-03 4.247E 02 1.464E 03 5.444E 01 1.786E 00 -2.652E-03 4.247E 02 1.451E 03 5.444E 01 1.786E 00 -2.652E-03 3.31E 02 1.671E 03 5.445E 01 -3. 1.786E 00 -2.68E-03 3.31E 02 1.571E 03 5.445E 01 -3. 1.786E 00 -2.68E-03 4.247E 02 1.571E 03 5.440E 01 -4. 1.786E 00 -2.68E-03 4.237E 02 1.517E 03 5.440E 01 -4. 1.786E 00 -1.617E-03 4.232E 02 1.512E 03 5.440E 01 -4. 1.786E 00 -1.617E-03 4.232E 02 1.512E 03 5.440E 01 -4. 1.786E 00 -1.617E-03 4.232E 02 1.512E 03 5.441E 01 -4. 1.786E 00 -1.617E-03 4.232E 02 1.512E 03 5.441E 01 -4. 1.786E 00 -1.617E-03 4.232E 02 1.512E 03 5.441E 01 -4. 1.786E 00 -1.617E-03 4.232E 02 1.522E 03 5.441E 01 -4. 1.786E 00 -1.617E-03 4.232E 02 1.522E 03 5.441E 01 -4. 1.786E 00 -1.617E-03 4.232E 02 1.522E 03 5.441E 01 -4. 1.786E 00 -1.617E-03 4.232E 02 1.522E 03 5.441E 01 -4. 1.786E 00 -1.617E-03 4.232E 02 1.522E 03 5.441E 01 -4. 1.786E 00 -1.617E-03 4.232E 03 1.522E 03 5.441E 01 -4. 1.786E 00 -1.617E-03 4.232E 03 1.522E 03 5.441E 01 -4. 1.786E 00 -1.617E-03 4.232E 03 1.523E 03 5.441E 01 -4. 1.786E 00 -1.617E-03 4.232E 03 1.523E 03 5.441E 01 -4.	03E-01	03E-01
E 00 -4.656E-03 3.730E 02 1.465E 03 5.444E 01 -1.4 E 00 2.045E-03 4.134E 02 1.414E 03 5.414E 01 1.0 E 00 4.654E-03 4.274E 02 1.496E 03 5.414E 01 1.0 E 00 -2.652E-03 4.247E 02 1.496E 03 5.444E 01 1.0 E 00 -2.652E-03 3.371E 02 1.457E 03 5.444E 01 -0.0 E 00 -2.63E-03 3.371E 02 1.577E 03 5.444E 01 -0.0 E 00 2.560E-03 4.095E 02 1.517E 03 5.440E 01 1.0 E 00 2.560E-03 4.095E 02 1.517E 03 5.441E 01 1.0 E 00 2.560E-03 4.522E 02 1.517E 03 5.441E 01 1.0 E 00 2.560E-03 4.522E 02 1.517E 03 5.441E 01 1.0	10-351	10-351
E 00 5.41£E-J3 4.134E 02 1.414E 03 5.439E 01 1.00 E 00 4.654E-O3 4.247E 02 1.496E 03 5.44FE 01 6.3 E 00 -2.652E-O3 4.247E 02 1.451E 03 5.449E 01 -0.00 E 00 -2.652E-O3 3.371E 02 1.452E 03 5.449E 01 -0.00 E 00 -2.652E-O3 3.371E 02 1.502E 03 5.449E 01 -0.00 E 00 -2.652E-O3 4.095E 02 1.517E 03 5.440E 01 -0.00 E 00 2.560E-O3 4.095E 02 1.517E 03 5.441E 01 1.00 E 00 2.560E-O3 4.522E 02 1.517E 03 5.441E 01 1.00 E 00 2.560E-O3 4.522E 02 1.512E 03 5.441E 01 1.00	10-32	10-32
E 00 2.085E-03 4.479E 02 1.48CE 02 5.441E 01 6.3 E 00 -2.652E-03 4.522E 02 1.486E 03 5.444E 01 1.4 E 00 -2.652E-03 4.522E 02 1.49EE 03 5.444E 01 -3.0 E 00 -1.005E-02 3.978E 02 1.45EE 03 5.445E 01 -3.0 E 00 -2.068E-03 3.97E 02 1.507E 03 5.445E 01 -6.3 E 00 -2.068E-03 4.095E 02 1.517E 03 5.440E 01 -6.3 E 00 2.56GE-03 4.095E 02 1.517E 03 5.441E 01 1.0 E 00 2.56GE-03 4.522E 02 1.517E 03 5.441E 01 -6.3	13E-01	13E-01
CO	10-351	10-351
786E 00 -2.6516-03 4.247E C2 1.451E C3 5.444E 01 -0.0 788E 00 -1.005E-02 3.078E 02 1.452E 03 5.445E 01 -3.0 785E 00 -2.263E-03 3.371E C2 1.502E 03 5.446E 01 -0.0 785E 00 -2.068E-03 3.547E C2 1.577E 03 5.440E 01 -0.0 786E 00 3.540E-03 4.530E 02 1.517E 03 5.441E 01 1.0 786E 00 -1.617E-03 4.532E C2 1.517E 03 5.441E 01 1.0	10- 301	10- 301
786E 00 -1.005E-02 3.078E 02 1.45EE 03 5.445E 01 -3.0 787E CC -2.263E-03 3.371E C2 1.507E 03 5.446E 01 -6.0 785E 00 -2.068E-03 4.397E 02 1.517E 03 5.440E 01 -6.3 786E 00 2.560E-03 4.390E 02 1.517E 03 5.441E 01 1.0 786E 00 -1.617E-03 4.592E C2 1.522E G3 5.441E 01 -4.9	646-01	646-01
787E CC -2.263E-03 3.371E C2 1.502E G3 5.446E 01 -6.8 785E C0 -2.068E-03 3.547E C2 1.517E 03 5.440E 01 -6.3 786E G0 2.56GE-03 4.095E G2 1.517E 03 5.440E 01 1.0 786E G0 2.56GE-03 4.532E C2 1.522E G3 5.441E 01 1.0	09:-01	09:-01
785E 00 -2.068E-03 3.547E C2 1.5(7E 03 5.442E 01 -6.3 785E C2 6.028E-03 4.095E 02 1.512E 03 5.440E 01 1.0 786E 00 2.646E-03 4.530E 02 1.512E 03 5.441E 01 1.0 785E 00 -1.617E-03 4.532E C2 1.523E G3 5.441E 01 -4.6	325-01	325-01
785E CC 6.028E-03 4.095E 02 1.512E 03 5.440E 01 1.0786E 00 2.560E-03 4.530E 02 1.517E 03 5.443E 01 1.0785E 00 -1.617E-03 4.522E C2 1.522E C3 5.441E 01 -4.5	215-01	215-01
785E 00 -1.617E-03 4.532E C2 1.525E C3 5.445E 01 -4.52	265-01 49.6	265-01 49.6
E 00 -1.617E-03 4.532E C2 1.523E C3 5.4	10-18	10-18
	10-315	-

EXPERIMENTAL DATA

KCD4	N P P	CSCL.	TENSTON	LENGTH	VELCCITY	ACCEL.	TENSICN	LENGTH	VELOCITY	ACCEL.
SEC	SEC	CEC	Les	11	FTZSEC	FIVSECISEC	GRAP	t	CP/SEC	CW/SEC/SEC
35.600	25.100	134.5	9.336-61	50.17	1.786E CO	-4.370E-03	+.235E 02	1.5256 03	5.4446 01	-1.3325-01
35.766	25.200	₹5.6	8-178:-01	50.35	1.787E 00	-5.129E-03	3.76SE C2	1.5356 03		N
35.800	55.300	115.4	13-5115-61	20.50			3.5166 02	1.539E 02	5.441E 01	-2.350E-02
35.900	25.400	171.0	8.5225-01	50.69				_		-1.620E-02
36.000	25.500	256.4	10655-5	50.65		8.377E-04		1.55CE 03		2.5536-02
36.100	25.600	282.1	6.569=-01	\$1.CE	1.786E 0C	7.632E-03		1.5576 03	5.444E 01	2.326F-01
36.200	25.700	330.6	9.667=-01	51.23				1.561F 03	_	-1.022E-01
36.300	25.600	24.6	10-3137.3	\$1.48	1.787E 00	-5.861E-03		1.545E C3	5.44EE 01	-1.787F-01
96.+00		81.0	-	51.66	1.787E CO	-4.066E-03	3.634E 02	1.575 03	.446E	-1.239E-01
36.500		135.5	7.875E-01	51.78	1.786E CO	-4.42EE-03		1.578E G3	42E	-1.350F-01
36.600		191.4	€.5€3E-01	51.55	1.784E 00	4.3506-03		1.584E C3	.439E	1.326F-01
36.700		246.9	9.441F-01	\$2.15	1.785F CC	1.25EE-03		1.590E 03	319	3.834F-02
36.800		302.6	9.823E-01	52.33	179	-2.534E-02		1. 555E 03	.442E	-7.723E-01
36.900		3.715	5.E18E-01	52.54	1.768E 0C	-3.372E-01		1.6628 63	5.388E 01	
37.000	26.500	4.44	9.1175-01	52.19	1.715E 00	-7.156E-01		1.6CSE 03	5.227£ 01	
37.100		1.56		55.95		371E-	4.025E C2	1.612E C3		-2.856E 01
17.200		155.5	35	53.06	1.426E 00			0	18 E	300E
37.300		211.0	76	53.09	8.352E-01	-2.130E 00	6. G18E 02	0	2.546E 01	193E
31.400		266.€	36	53.20	2.734E-01	-		1.62 JE 02	8.332E 00	
17.500		322.4		53.25	-1.183E-02	-	790	0	-3 909	199
37.600	0	117.6	8.703E-01	53.17	-8-392 E-02	-2.022E-01		2	. 558E	
37.700	0.200	63.0	6.765E-01	53.21	-6.588E-02				-2.008E 00	
37.80C	0	118.1	6.9425-01	53.19	-3-352E-05	2.895E-01		_	-1.034E 00	8.824E 00
17.900		174.0	8.857E-01	53.20	-1.342E-02			1.622E 03	-4.050E-01	4.228E 0
000.89		25.57	1.11% OC	23.16		3-064E-02			-1.791E-01	3406
301.80		645.4	4	51.13	-5-551t-03	-		9	-1.8141-01	-5.737
38.200		1.77:		93.10		2	327E	1.618E G3	-2.313E-01	1326
98.300		26.5		53.18	-8.618E-03	-	ī.,	0	-2.627E-01	404
204.40	0.0	3.28		91.56	-1.0631-02			1. C. IE 03	-3.239E-01	130
000.00		136.1		53.14	-1.0305-02	-4.6735-03		9	-3.15/E-01	1
300		246.6	1 0446 00	53.11	-3.642E-03	-1.3985-03	3.852E 02	1.6191 03	19-30016-01	20-11-07
38.400		306.7	1665	63.12				, 0	-3 225-01	
84.900		205.7		, v	-1-0305-02	•	2766	1 4166 03	1406-01	4000
36.000	0.0	41.6	5.9C4E-01		-1-055 F-02		4.457F G2	1.62CF C2	-3.215F-01	1. 39.8E-
35.100		103.5			.003 E-C		8 15E	1.62CF C3	-	F
39.200		125.6			-1.008E-02			1.618E 03	-3.072E-01	1.232
39.300		215.2		4,	-9.278F-03	-3.65EE-03		1.618E 03	-2.828E-01	127F
39.400	0.0	270.€		2	-1.057E-02	-4.0776-03	3139	0	-3.22 IE-01	24.3F
99.500	0.0	326.1		41	-1.012E-02	-4.172E-03		0	9	-1.272F-01
36.600	0.0	85.2		3.1	-5.269E-03	-4.768E-03		1.620E 03	-2.825E-01	-1.4531-01
39. 700	0.0	9.39	.6	53.17	-5.764E-03	-3.585E-03		1.621E C3	٠.	-1.093E-01
39.900	0.0	124.2		53.12	.12	316.	36	1.6196 03	.782	-1.192F-01
36.58	0.0	175.6	3	3.1	14	-2.8C3E-03		1. £15E 03	. 555	-76.25
40.000	0.0	236.1	-	63.11	11	2	3116			33 36
				77.00	10.3116.01	-3.00 CE-03	37:70	100175	-2 - / 36 E-01	-4.33 CE-UZ

EXPERIMENTAL CATA

Y ACCEL.		CH/SEC/SEC	10-36-01- 10											01 -8.33GE-02																
VELCCITY		CM/SEC	-2.502E-	-2.742E-0	-2.854E-0	-3.130E-	-3.054E-	-3.125E-01	-3.148E-	-2.974E-	-2.700E-	-2.689E-	-2.722E-	-2.857E-	-3.134E-	-3.092E-	-3.066E-	-2.858£-01	-2.506E-	-2.5EEE-	-3.018E-	-3.045E-0	-3.010£-	-2.593£-	-2.855E-01	-2.815E-	-2.627E-	-2.839E-01	-2.749E-	
LENGTH VELCE		ð	1. c15E C3	1.6216 03	1.62CE 03	1.618E 02	1.618E 03	1.615€ 03	1.619E 02					1.6166 63	-			7					1.619£ 03	1.621E 03	1.620E 03	1.6196 03	1. E1EE 03	1.619E 03	1. £20£ 03	
TENSICA		GRIP	4.574E G2	4.710E 02	4.217E C2			4.410E 02	4.838E 02			4.052E 02	3.567E 02	4.240E 02		4.863E 02	4.708E 02	4.230E 02	3.956E 02	4.053£ 02		4.838E 02	4.8916 02		4.055E 02	3.923£ 02	4.185E 02	4.6568 02	4.9CBE 02	
ACCEL		F1/SEC/SEC	-3.588E-03	-3.557E-03	-3.309E-03	-4.250E-03	-3.242E-03	-4.581E-03	-3.6856-03	-4.264E-03	-2.911E-03	-3.445E-03	-2.825E-03	-2.733E-03	-3.732E-03	-2.449E-03	-2.725E-03	-3.064E-03	-2.641E-03	-3.073E-03	-3.716E-03	-3.674E-03	-3.999E-03	-3.607E-03	-3.919E-03	-3.259E-03	-2.858E-03	-3.153E-03	-4.473E-03	-
GTH VELOCITY		F1/SEC	-9.521 E-03	-8.995E-03	-9.362F-03	-1.027 E-02	-1.002E-02	-1.025E-02	-1.033E-02	-5.758E-03	-8.859F-03	-8. £21 E-03	-6.531E-03	-9.374E-03	-1.028E-02	-1.014E-02	-1.013E-02	-5.507E-03	-9.5331-03	-5.805E-03	-5.500E-03	-9.990 E-03	-5.E77E-C3	-8.509E-03	-9.498E-03	-5.235E-03	-8.618E-03	-9.3136-03	-9. C18E-03	
LENGTH		11	53.12	53.18	53.16	53.10	53.67	53.10	53.11	53.12	53.19	53.14	53.13	53.09	53.14	53.14	53.18	53.18	53.15	53.11	53.11	53.12	53.11	53.18	53.15	53.12	53.09	53.12	53.14	
TENSICN		185	1.CS7E 30	1.038 € 00	9.256 -01	6.455E-01	8.520E-C1	5.654E-01	1.C67E 00	1.C88E 00	9.820E-01	8.534E-01	8.7466-01	5.348E-01	1.031E 00	1.072E 00	1.038E 00	9.325E-01	8.722F-01	E.536E-01	9.815E-01	1.067E 00	1.C78E 0C	9.8785-01	€. 939E-01	E.648E-01	9.226E-01	1.026F 00	1.082E 00	
CSC1.	PAGLE	936	297.3	31.4	87.1	143.0	198.1	253.1	308.5	189.4	50.6	106.3	161.6	217.1	272.7	328.6	15.4	3.27	126.8	182.3	237.3	293.1	11113	36.0	92.1	147.6	203.1	1.352	314.6	
RUN	1176	SFC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
RCOR	1.1ME	SEC	40.200	+0.300	40.400	40.500	009.04	40.700	40.800	40.900	41.000	41-100	41.200	41.300	41.400	41.500	41.600	41-700	41.80C	41.900	45.000	42-100	45.200	42.300	42.400	45.500	42.600	42.700	45.800	

EXP ER IMENTAL CATA

TERS 6000 4.640E-01	ACCEL.	1.600E 00 -1.525E-01 -1.601E-01	-1.744F-01 -1.619E-01 -1.496F-01	-1.537E-01 -1.668E-01 -1.478E-01	-1.213E-01 -1.496E-01 -1.267E-01 -1.464E-01	-1.246E-01 -1.254E-01 -1.394E-01 -1.104E-01	-1.476F-01 -1.608F-01 -1.614F-01 -1.721F-01 -1.344F-01	-1.516E-01 -1.532E-01 -1.475E-01 -1.356E-01 -1.50E-01
PAR BAR BAR BAR BAR BAR BAR BAR BAR BAR B	UNITS VELOCITY CP/SEC	1.362E 00 -3.656E-01 -4.062E-01 -4.076E-01	-4.0116-01 -3.8566-01 -3.9916-01 -3.916-01	-3.784E-01 -3.990E-01 -3.844E-01	-3.730E-01 -3.60E-01 -3.663E-01 -3.706E-01	-3.823E-01 -3.921E-01 -3.547E-01 -3.894E-01	-3.6656-01 -4.0786-01 -3.6786-01 -3.7906-01	-3.666E-01 -3.827E-01 -3.645E-01 -3.877E-01 -3.884E-01
CVNAMIC CA1A 0.10 NF 1.50 NF NK	LENGTH CF		1.747E 03 1.747E 03 1.746E 03					1.746E 03 1.745E 03 1.745E 03 1.745E 03 1.745E 03
:::	TENSICN	3.3C9E 02 4.023E 02 4.549E 02 4.984E 02	5.054E 02 4.522E 02 4.000E 02 3.849E 02					3.5656 02 3.8508 02 4.1786 02 4.7338 02 5.0276 02
OSCILLATOR PARAMETER MCDE AMPLITUDE, INCH . FREQUENCY, F.Z	ACC EL.	5.25CE-02 -5.004E-03 -5.514E-03 -5.273E-03	-5.721E-03 -5.313E-03 -4.508E-03	-5.471E-03 -4.848E-03 -5.157E-03	-4.908E-03 -4.157E-03 -4.803E-03	-4.087E-03 -4.115E-03 -4.574E-03 -3.886E-03 -4.55E-03	-4.843E-03 -5.93E-03 -5.296E-03 -5.647E-03 -4.405E-03	-4.953E-03 -4.33E-03 -5.027E-03 -4.456-03 -4.925E-03
NYLCN REEL-IN 2.00 0.0 44.00	SF UNITS VELCCITY FT/SEC	4.468E-02 -1.278E-02 -1.340E-02 -1.337E-02	-1.265E-02 -1.369E-02 -1.283E-02	-1.242E-02 -1.309E-02 -1.261E-02	-1.224E-02 -1.181E-02 -1.202E-02 -1.217E-02	-1.254E-02 -1.286E-02 -1.295E-02 -1.278E-02	-1.275E-02 -1.336E-02 -1.271E-02 -1.244E-02 -1.278E-02	-1.1835-02 -1.2565-02 -1.2695-02 -1.2945-02 -1.275-02 -1.276-02
	ENGTH LENGTH	53.55 57.35 57.35	57.31 18.72 19.72	57.22	57.32 57.27 57.25 57.25	57.29 57.21 57.33 57.31	51.25 51.25 51.26 51.36	57.25 57.26 57.26 57.26 57.26
CABLE MATERIAL CIRECTION ACCELERATION, FPS2 VELOCITY, FPS ECELERATION, FPS2 ECELERATION, FPS2 END TIME LENGTH, FT3	TENSICN	254E- 869E- 003E	1.114E 00 5.569E-01 8.818E-01 8.485E-01		.555E- .555E- .558E-			8.4896-01 9.2126-01 1.0436 00 1.1086 00 1.086 00
A LOCAL DE LA	GSCL. ANGLE DEG	142.6 188.4 243.6 299.5	235.6 40.5 96.4 150.6	262.2	58.6 1113.5 168.7 224.3	280.0 335.3 34.0 77.1	243.3 300.0 237.0	206.7 206.7 264.5 320.2 120.0
8	TIYE SEC	0000	0000	0000	0000	00000		000000
TEST NG.	RCDR 11ME SEC	0.0	0.500	0.900	1.200 1.300 1.400	1.600 1.700 1.900 2.000	2.100 2.200 2.300 2.400 2.500	2.600 2.800 2.900 3.000 3.100

EXPERIMENTAL CATA

	31014	101 Cu 3	LENGIA	VEL JC 11Y	ACCEL.	ICASICA	LENGIF	AFTERIA	acter.
SEC SEC	DEG	185	F.	FT/SEC	F1/SEC/SEC	GRAP	å	CN/SEC	CM/SEC/SEC
3.400 0.0	172.6	B.6325-01	57.27	-1.1846-02	-2.353E-03	3.5156 02	1.746E 03	-3.6C8E-01	-1.022E-01
?	2.8.2	9.657E-C1	57.27	-1.269E-02	-4.931E-03	3086		-3.867E-01	-1.5036-01
,	284.1	T.	57.29	-1.304E-02	-4.814E-03	. 465E		-3.5766-01	:
0	326.4	1.1C6F 00	57.26	-1.330 E-02	-4.761E-03	36		-4.0556-01	-1.451E-01
•	3.42	4	51.32	-1.345E-02	-6.531E-03	1419.		10-3660* 4-	1
0	86.3	F-	57.30	-1.331E-02	-4.310E-03			10-3865 " +=	-1.314 F-01
?	135.1	36-	57.27	-1.256F-C2	-5.132E-03			-3.825E-01	-1.564E-01
0	191.4	5E-	57.23	-1.2396-02	-4.514E-03			-3.7776-01	-1.376F-01
0	246.6	JE.	57.17	-1.213E-02	-6.103E-03	. 550E		-3.657E-01	-1.860E-01
0	301.7	1.117E 0C	57.33	-1.209E-02	-5.168E-03			-3.6836-01	-1.575F-01
0	226.8	SE	57.25	-1.265E-02	-3.512E-03		_	-3.855E-01	-1.0706-01
•	43.1	35	57.33	-1.165 E-02	-3.396E-03			-3.550E-01	-1.0356-01
0	0.56		57.52	-1.420F-02	-4.650E-03	311	1.753£ 03	-4.327E-01	-1.417F-01
0	153.€	in a	57.27	-1.228£-02	-3.573E-03			-3.7426-01	-1.211F-01
0	205.3	-36	57.29	-1.233E-02	-3.557E-03	_		-3.758E-01	-1.084F-01
0	264.8	1.0476 00	57.30	-1.3056-02	-4.237E-03	4.751E 02		-3.9796-01	-1.291F-01
0	320.7	7	57.30	-1.299 E-02	-4.214E-03			-3.560E-01	-1.284F-01
,	120.1	1.C19E 00	57.31	-1.320£-02	-3.973E-03	35		-4.C23E-01	-1.2115-01
•	61.8	9.4316-01	57.33	-1.309£-02	-3.364E-03			-3.589E-01	-1.025E-01
•	117.6	8.5486-01	57.28	-1.263E-02	-5.024E-03			-3.048E-01	-1.531E-01
•	173.4	€.6€4E-01	57.24	-1.292E-02	-4.511E-03	=		-3.9396-01	-1.3756-01
•	229.1	9.6936-01	51.23	-1.314E-02	-5.095E-03		w	4.005F-01	-1.5536-01
0	285.1	1.0605 00	51.29	-1.304 E-02	-5.024E-03	4.858E 02		-3.5746-01	-1.5316-01
?	351.1	1.1C7E 00	57.56	-1.2618-02	-4.959E-03	_		-3.845E-01	-1.5116-01
0	24.5	1.025E 00	57.33	-1.2476-02	-4.254E-03	4.648E 02		-3. 600E-01	-1.297F-01
0	85.5	5.036E-01	57.32	-1.200E-02	-3.3566-03	_		-3.657E-01	-1.023E-01
0	138.6	8.455E-01	57.28	-1.169E-02	-4.556E-03	36		-3.562E-01	-1.4016-01
0	194.3	8-9285-01	57.25	-1.1656-02	-3.894E-03			-3.550E-01	-1.1876-01
0	£*542	1.012€ 6€	57.27	-1.2455-02	-4.2346-03	4.5896 02	1.746E 03	-3.795E-01	-1.2906-01
0	305.5	36	57.30	-1.204 6-02	-3.829E-03	. SesE		-3.671E-01	-1.1676-01
0	205.3	1.10% 00	57.32	-1.184E-02	-3.112E-03			-3.6CBE-01	-9.487E-02
0	47.6	9.812E-01	57.36	-1.262E-02	-3.4136-03			-3.8468-01	-1.0406-01
•	102.6	8.729E-01	57.33	-1.197E-02	-3.710E-03			-3.650E-01	-1.1316-01
0	156.1	6.510E-01	57.28	-1.208 E-02	-3.347E-03			-3.681E-01	-1.0206-01
0	213.6	9.3136-01	\$7.25	-1.235E-02	-4.602E-03		26	-3.7646-01	-1.4036-01
0	265.0	w	57.29	-1.307E-02	-4.650E-03			-3.584E-01	7
0	354.0	96	57.26	-1.276E-02	-4.9996-03			-3.689E-01	
•	103.4	1.013E 00	57.31	-1.254E-02	-5.151E-03			-3.8236-01	-1.570E-01
0	65.6	9.367E-01	57.33	-1.248 E-02	-3.7355-03	4.258E 02		-3.802E-01	
•	121.3	E.530E-01	57.29	-1.231 E-02	-4.594E-03	3.869£ 02	1.7466 03	-3.753E-01	-1.4006-01
0	176.3	-37	57.27	-1.185E-02	-3.067E-03	3.538E 02		-3.612E-01	
•	231.6	5.727E-01	57.25	-1.188E-02	-4.163E-03	4.412E 02		-3.620E-01	-1.269E-01
C	286.5	1.082E 00	57.32	-1.2145-02	-4.126E-03	4.910E 02	1.7476 03	-3.699E-01	-1.258F-01
0	311.5	1.105E 00	57.27	-1-254E-02	-4.554E-03	5.011E 02		-3. 822E-01	-1.400E-01
0	200	1 0206 00							-
•	3.02	Y	21.33	-1.248E-02	-4.22 3E-03	4.625E 02	1.148E 03	-3.8C3E-01	-1.287E-01

EXPERIMENTAL CATA

RCOR	RUN	CSCL.	TENSION	LENGTH	VELOCITY	ACCEL.	TENSICA	LENGTH	VELCCITY	ACCEL.
Sec	SEC	DEC	1.85	FT	F T/SEC	F1/SEC/SEC	GRAP	t	CM/SEC	CM/SEC/SEC
8.666	9.0	139.1	44	57.32	-1.147F-02	-4.047E-03	352F	1.1476 63	-3.456E-01	-1.234E-0
8.100	0.0	194.1	15.	57.28	-	-3.05 1E-03	0	1.7466 03		-9.305E-02
8.200	0.0	250.C	.016F 0	15.72	-1.206F-02	-3.741E-03	3839.	1.7476 03	-3.676E-01	-1.140E-01
9.300	0.0	305.7	1.1015 00	57.31	-1.2436-02	-3.784E-03		1.747E C3	-3.768E-01	-1.153E-01
8.400	0.0	505.5	÷.	57.30	-1.236E-C2	-4.29 EE-03		0		-1.309E-01
8.500	0.0	41.4	-	57.34	-1.259E-02			0		-1.181E-01
309.B	0.0	103.8	·	57.30	-1.228E-02	-4.953E-03	3.947E 02	1.746E 03	-3.742E-01	-1.510E-01
8.700	0.0	155.3	-3615°	57.27	-1.208E-62	-3.55 (E-03		03	-3.682E-01	-1.218E-01
8.800	0.0	214.6	5.345E-01	51.24	-1.190E-02	-4.676E-03	.235E	3	-3.628E-01	-1.425E-01
8.900	0.0	270.3	119	57.30	-1.259E-02	-4.571E-03		63	-3.838E-01	-1-393E-01
0000.6	0.0	326.6	÷.	57.29	-1.150E-C2	-4.625E-03		03	-3.628E-01	-1.410E-01
301.6	0.0	₹5.6	.0	57.34	-1.185E-02	-4.384E-03		63	-3.613E-01	-1.336E-01
9.200	3.0	9.39	0.	57.36	-1.165E-02	-3.11 \$E-03		1.7481 03		-9.495E-02
5.300	0.0	124.4		57.29	-1.152E-02	-4.25£E-03		1.746E 03		-1.309E-01
004.5	0.0	175.7	8.7C3E-01	57.28	-1.136 E-02	-3.441E-03		1.74EE C3		-1.C49E-01
9.500	0.0	235.6	.79	57.27	-1.216E-02	-3.869E-03		03	-3.705E-01	-1.179E-01
309.5	0.0	291.1	•	57.32	-1.218E-02	-3.430F-03		03	-3. 713E-01	-1.045E-01
2.700	0.0	286.7	.1C7E	57.30	-1.245E-02	-4.121E-03		63	-3.755E-01	-1.256E-01
9.800	0.0	32.7	0	57.36	-1.246E-02	-2.634E-03		03	-3.758E-01	-8.028E-02
006.5	0.0	86.6	v.	57.34	-1.229E-02	-3.189E-03		03	-3.747E-01	-9.720E-02
0.000		143.1	4E-C	57.28	-1.217E-02	-3.319E-03		03	-3.710E-01	-1.012E-0
0.100	0.0	198.8	•	57.26	-1.204E-02	-3.667E-03		1.745E 03	-3.669E-01	-1.118F-01
0.200		25.2.€	.023E	57.27	-1.292E-02	-4.613E-03		1.746E 03	-3.535E-01	-1.406F-01
0.300	0.0	305.5	1.1C4E 0C	57.27	-1.268F-C2	-4.174E-03		•	-3.864E-01	272F
0.400	0.0	183.6	=	57.30	-1.215F-02	-5.066E-03		0	-3.763E-01	344F
0.500	0.0	51.5	~	51.35	-1.260E-02	-3.512E-03		03	-3.840E-01	-1.070E-01
209-2	0.0	106.6	9.	57.31	-1.181F-C2	-4.257F-03		03	-3.600E-01	.297
0.700	0.0	161.4	.5	57.28	-1.180 E-02	-3.282E-03		03	-3.596E-01	-1.000E-01
008.0	0.0	216.7	5.35 7E-61	57.57	-1.1335-02	-4.070E-03		03	-3.453E-01	-1.240E-01
0.00	0.0	272.3	0	16.15	-1.180E-02	•		03	-3.557E-01	-1.264E-01
11.000	0.0	326.1	u	57.30	-1.166E-02	-3.540E-03		1.74EE 03	-3.553E-01	-1.0796-01
1.100	0.0	80.0		57.36	-1.178E-C2	-3.523E-03		1.748E 03		-1.074F-01
1.200	0.0	5.59	9.263E-01	57.38	-1.149E-02	-3.03 EE-03		1.745E 03	-3.502E-01	-9.254E-02
1.300	0.0	125.2	4.	51.32	-1-148E-02	-3.602E-03		1.1476 03		-1.098F-01
1.400	0.0	180.5		57.30	-1.148E-02	-2.594E-03		0	-3.498E-01	-7.907E-0
1.500	0.0	235.1		57.29	-1.177E-02	-4.061E-03			-3.5£7E-01	-1.244E-01
1.600	3.0	291.6	=	57.30	-1-1936-02	-3.458E-03		1.747E 03	-3.636E-01	-1.054E-01
1.700	0.0	280.7	=	57.29	-1.207E-02	-1.6365-02	.036E		-3089°	T
1.800	0.100	34.1		57.37	-3.373E-02	-4.981E-01	. 730E	1.149E 03	028E	
1.900	0.200	1.06	• 6 5 6E-	61.39	-1.192E-01	-1.115E 00		0	.634E	
2.000	0.300	145.5	-474E-	57.34	-2.343E-01	.236		7	. 142E	
2.100	004-3	201.3	-3685.	\$7.29	-3.449E-01	-1.131E 00		1.746E 03	-1.051E 01	-3.447E 01
2.200	0.500	257.1	11	\$1.28	.474				1.364E	
12.366	009.3	313.6	1.1395 00	51.25	-5.393F-01	.43	. 166E		_	875E
7.400	001.3	161.4	29=	\$7.26	-6.275E-G1	-9.208E-01	5.122E 02	1.7456 02	-1.912F 01	- 2-ROTE O
										,

EXPERIMENTAL CATA

ANCIE LENSION	LENGTH	VELOCITY	ACCEL.	IENSICA	LENGIL	VELLLITY	ALLEL.
135	F 1	f1/SEC	F1/SEC/SEC	GRIP	t	CM/SEC	CH/SEC/SEC
10-3125	57.09	-8.023 6-01	-9.412E-01	4.315E 02		~	2.869E
.1725-01	56.59	-8.896E-01	-9.340E-01	.432€		.711E	-2.647E 01
5E 0		- 764E-	93	. 675E		.976E	3628.2
55 0			-9.255E-01	352€	1.73 2E C3		2.621€
95 0	56.69		9.5			-3.507E 01	•
0 30		237E	-9.283E-01	.033€			.829E
95		1.324E	-9.277E-01	.5816		-4.037E 01	2.828E
36-0		1.412E	-5.302E-01	36		-4.305E 01	2.835€
0	•		-9.155E-01	4.828E 02		-4.566E 01	. 790E
9 33	•		-9.109E-01	3375€		-4.825E 01	39LL.
1.251F 00		-1.672E CO	-5.008E-01	36		-5.096E 01	
EF 0	•	148 E	6.91	471E		.327E	
1F 0	•	1.793E	-3.185E-01	8136		-5.465E 01	9.705
.654E-01	55.30	1.805E	-6.634E-02	357E		5.503E	2.022E
- Je	•		3.580E-02	468E		.458E	3160·
36			4.044E-02	942E		-5.481E 01	.233€
¥			2.221E-02	353E		-5.474E 01	6.768E-01
5.0			4.780E-03	.439€		-5.470E 01	-457E-
u:			-6.4CSE-03				953
u			-	. 584E		-5.471E 01	m
-34		-1.794E GO	-1.249E-02	390+		-470E	-3.806E-01
.026E 00			-5.219E-03	3E		-	
36				.11SE		-5.465E 01	-3.6256-03
35		1.795E	1.085E-03	431E		_	3.306E-02
36 0		1.7946	-8.162E-03			-	2.48BE-
		1. 796E	-1.048E-02	366		-5.474E 01	2
.772E-01		1.795E	-5.514E-03	432E		-5.472E 01	-1.681E-01
		1.1941	-4-4/ (E-03	4:50		-5.468E 01	-1.365E-01
= :		1. 7.3E	-1.586E-03	1668.		10 3994.C-	-4.834E-02
		10 //35	,,0	3010			2696-
		1 7045 00	- 5 - 7 3 CF - 03	1676		10 3636-6-	10-3651-1-
1.021F 00	51.58	-1-7966 00		4.641F 02	1.5F4F 03	-5.473F 01	2.7816-
198		1.795.	-7-6106-03	196 F		-5.470F 01	
4		1.754E	-1.6756-03	.652€	1.5716 03	5.467E	5.714F
4		1.7936	3.0816-03	. 136F		-5.464F 01	2 A
u	51.19	:	5.0136-04		1.56CE 03	-5.467E 01	1.528F-02
2		1.794E	-8.207E-03	. 3186		-5.4676 01	-2.502E-01
4		1.795		9286		-5.471E 01	
-36		- 796F	-6.358E-03	3866		-5.474F 01	1.938E-
-38	200	_	E-836E-04	. 4C3E		-5.470E 01	2.693F
FE	50	193E	-2.045E-03	8316		-5.465E 01	
1.1695 00	50	-1.793E GO	-4.667E-03	940	1.526E 03	5	2
35	64		-4.560E-03	386		-5.470E 01	
n'	64	-1.753E 00	-4.268E-03	1225		5	-
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EXPERIMENTAL CATA

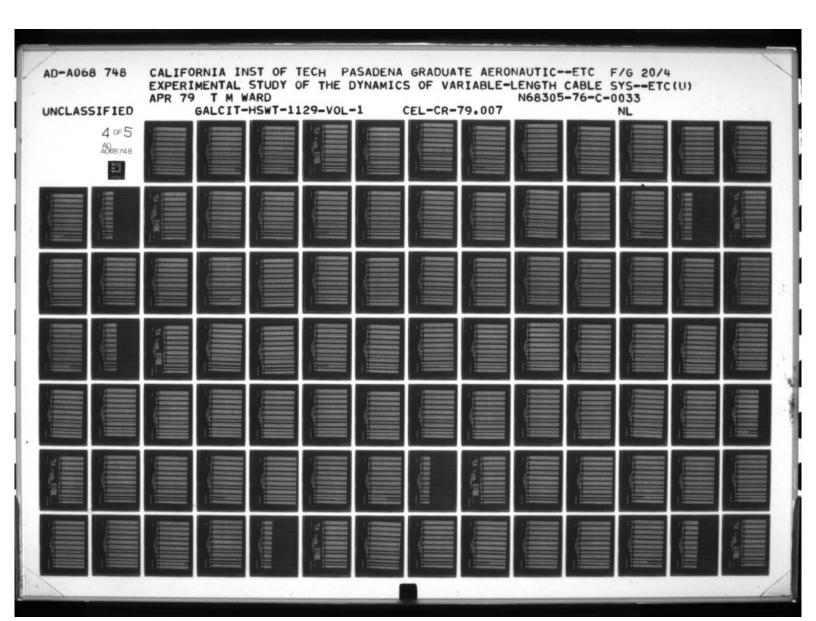
RCCR	200	USCI.	TENS ION	LENGTH	VELOCITY	ACCEL.	TENSICA	LENGTH	VELCCITY	ACCEL.
350	SEC	DEC	683	F 1	F1/SEC	F1/SEC/SEC	GRAP	t	CM/SEC	CM/SEC/SEC
17.200	5.500	15.3	10-3055-5	49.43	-1.795 8 90	-7.3156-03			w	
17.330	2.600	134.5	343	49.23	194E	6833	. 554€	1.5016 03	-5.468E 01	022E-
17.400	2.700	196.5	1.116 00	49.05	. 193E	-1.568E-03	616		4	
17.500	5.690	246.6	C 85	48.88	193E	-1.897E-04	.481E		w	183E
17.500	5.530	30505	315	48.14	194E	2.294E-04	.401E		-	-992E-
17.700	000 .9	231.2	₹ 50	48.56	793E	-5.21 EE-03	.0C7E			
17.80C	6.100	42.6	5.8C4E-01	48.44	366L		3744.			
17.900	6.200	5.86	4.7365-01	48.23			16E	1.470E 03		
18.000	6.300	154.7	965	48.02	193E	-1.509E-03	. 8C4E		4	-4.601E-02
18.100	004.9	210.5	1.1635 66	47.81	1.792E	-2.172E-03				
18.200	6.500	267.1	1.205 00	47.65	1.7946	-6.344E-03	.467E		3767E	
18.300	6.600	322.0	1.136E 00	47.47		-7.355E-03	153E	3	.468E	
18.400	6.700	114.6	1.042E 0C	47.33	366L	-4.055E-03	.7256		-470E	
18.500	6.800	63.5	9.617E-01	41.15	195E	-5.54 EE-03			.473E	
18.600	006.9	120.3	1.CC8E 00	46.58	-1.794E 00	-5.6395-03			ш	
18.700	7.000	176.1	1.1175 00	46.77	1.793E	-5.242E-03	€ 069E	392	3995.	-
18.800	7.100	231.7	1.201E 00	46.58		1.116E-03			3695	
18.900	7.200	288.6	1.1865 00	46.44		2.399E-03	.379E			
19.000	7.300	313.7	1.082E 00	46.25		9	- 506E	1.4106 03	-5.464E 01	-2.060E-01
19.100	1.400	28.3	475-	46.14		-1.014E-02	. 466E			
19.200	1.500	84.1	646-	45.54	195E	-8.7685-03	.393€		10E	-2.672E-0
19.300	7.600	140.3	36 b	45.73	- 794E	5.664E-06	. 758E			
19.400	7.700	156.2	50E	45.54	1.793€	5.658E-03	.217E			1.7256-01
19.500	7.800	251.6	365	45.35	1. 793E	1.568	3044°			'n.
13. 600	2000	307.	1.1432 00	45-17	-1.7941 00	-6-1145-03	5. lear 62	1 3337 03	10 3/04°C-	10-3696-1-
13.100	000.0	1000	מו בפנים ו	20.00	10 194	20-3140-1-			3000	ň.
308-61	8-130	2000	5.6305-01	44.85	156E	-4.914E-03	4. 551E 02	1.36.16 03	-5.4746 01	
000	2007	1601	10-3666	44.04	7035	20 00 15-03	3000			i a
20.100	8.400	216.3	00 3761-1	64.25	1 7026	-3-0736-03			-5 4625 01	
20.200	6.500	276.6	1.1546 00	44.12	1.794	-6 -80 BE-03	4166			
20.300	8.600	325.6	1.0915 00	43.53	1.793E	-6.160E-03		1.335E 03	5.466E	P
20.400	8.700	100.5	1.0058 00	43.78	1.794E	-4.573E-03	.55SE		3694 ·	-1.516F-01
20.500	8.600	66.5	5.697E-01	43.59	-	-6.655E-03		0		
20.600	8.900	122.3	316	43.42	ш	-4.245E-03	. 704E	0		
20. 100	0000.6	177.5	10E	43.23	1.792€	-2.093E-03	3691.	•		-6.379E-02
20.900	9.100	₹33.6	1.1885 60	43.05	192E	1.626E-03		1.212E 03	-5.462E 01	
20.900	9.200	289.7	46	45.88	1.793E	-2.022E-03	. 157E	0	.466E	.16 3E-
21.000	2.300	304.5	44E	45.69	1 . 793 E	-6.29 6E-03	. 735E			1.919
21.100	004.6	3.52	655-	42.57	1.795E	8.590	.3646			
21.200	006.6	86.1	375-	42.36	1.794		4.46ZE 0Z	1.291E 03	5.469E	1846-
200017	3000	1.767		11.24	1.194		1016			1.303
21.400	600.5	176.4	210	41.70	1267.	6 0705-04	3474.	1 2345 63	3696	
2000	0000	2000	132	41.17	707	1 454		27 2772	3434	:.
2000	006.6	3100	1 30	41.62	101732	.404	3640.	100	'n	-20170
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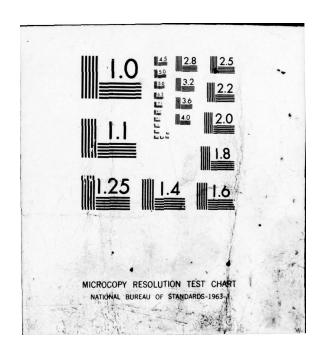
EXPERIMENTAL CATA

	TIPE	ANGLE	וביים וכא	LENGIN	ALL DO 114	*1277	ENSIEN	reneir		-
SEC	SEC	DEC	185	F1	F T/SEC	F1/SEC/SEC	CFAP	t	CM/SEC	CH/SEC/SEC
21. 400	10.100	51.1	10-3059-5	41.3	-1.795 E 00	2.209	4.377E 02	.ZECE	3114.	-6.733E-02
1.900	-	108.5	356		1.795E	.92	4.7136 02	1.2546 03	-5.470E 01	- 5.870E-03
5.000	-	163.5	480	40.5	1.793E	2.046		. 248E	199	-6.24 IE-02
2.100	_	2.512	99			. 358		. 24 EE	5.46 IE	-1.6336-01
5.200	_	275.6	41:	40.5	1.794€	6.522		237E	3899	-1.988F-01
5. 300	01	331.5	140	40.3		-1.4136-03		3 1E		-4.307E-02
2.400	_	5.53	· 663E-	40.2	1.794€	.072		28E		-1.24 1E-01
2.500		72.4	-39E	40.0	1.755E	-5.327E-03		222E		-1.624E-01
2090		128.1	916			.174		1 76	58E	-1.882E-01
2.100		183.4	:13		1. 792E	689		106	5.463E	-1.414E-01
2.900		238.5	515		1.753E	.730			5.465E	8.321E-02
2.500		254.5	31E		-1.7936 00	-1-1386-03		CCE	E.	-3.470F-02
3.000		277.6	35F		1.793E	-6.55E-03	4.6936 02	97E	5.465E	-2-120F-01
3.100		34.6	-218		196F			54E	5.474E	-3.316F-01
3.200		5.06		39.01	1.795€	6.7		368	471E	-2.054E-01
3.300		146.6	115		1.794	1.4506-03		83E	5.467E	4-420F-02
3.400		201.5	-69		192E	E-179E-04			462E	2-676E-02
3.500		257.2	47.		1.793£	-2.385E-03		12E	3494	-7.268E-02
3.600	_	313.4	715		1.793€	-7.1176-03		377		-2.169E-01
3.700	_	1711.7	397		1.79.6	-1.245E-02				-3.795E-01
3.800	_	53.6	330			3		576		-1.076E-01
3.900		110.0	575		1.794€	1.02CE-04		51E		3-1086-03
000	_	165.5	203		1.793€			16E		5.870E-02
.100		221.C	36€		1.7916	m		40E	3091	-1.008E-01
4.200	12.500	211.3	25	37.23	1.7946	-7.304E-03	5.05 JE 02	356	5.467E	-2.226E-01
4.300		333.8	33			•			16 5E	-2.126E-01
000	-	54.4	11		1.755	-5.692E-03			5.471E	-1.7356-01
יייייייייייייייייייייייייייייייייייייי	-	14.5	4		1.195	1.1136-03			5.471E	3.392E-02
0000		136.6	1. 5		1936	-3.733E-03		36	5.466E	-1.1386-01
000	-	186.2	35E		1. 7936	1.686		316	5.464E	-2.343E-01
200		1.750			1761	-2.557E-03	50.124 02	3	- 46 3E	-1.195E-02
200		261 6	200		7036	,		200	3000	10-1068-1-
100		35.56	200		705 6	20-21-03-7		1000	200	20-3006-0-
2000	-	95.7	27.5		1.7946			2000	10 311406	10-3666-1
300		161.6	21.5		1.7936	-2-591F-03		C 3 4 E	30000	-7 BOBE-02
5.400		207.			1.797	. 4		0706	3 4	2
5.500		263.3	20F		1.7936			CASE		9
5.600		315.6	42=	34.77	1926	-3-234F-03	4-725E 02		5.463F	RS BF-
5.700	11.00	137.6	332		1.794E	-7-6976-03		.055F	5.467F	-999
5.800	-	59.8	3E		1.795F			0415	3167	275
5.90C	14.	115.7	150		1.794F	5.783		0446	W. A.	-1.763F-01
0000-9	14.	176.4	42E		1.793F	1.7556-03		18EU	5-445	404
6. 10C	14.	226.3	132		792 €	804			5.4615	15
£.200	14.5	282.€	50E		1. 794 £	0		027E	16.7E	229F-
5.300	14.60	338.4	255		1.753F	1.256		0216	5-4655	2.2125
					1	1000		3135	3701.	37170

EXPERIPENTAL CATA

RCCR	PLA	CSCL.	TENS ICH	LENGTH	GTH VELOCITY	ACCEL.	TENSTER	LEAGTH	VELCCITY	ACCEL.
SEC	SEC	CEC	185	11	F1/SEC	F1/SEC/SEC	CFAP	t	CM/SEC	CH/SEC/SEC
26.466	14.700	36.8	366		3 561.		4.561E G2			-242F
6.530	-	78.4	1.038F 0C		:	-3-1158-03	1 80 Z	1.012E 03	-470E	-9.676E-02
26.600	14.500	133.7	6	۳,	1.794		. 583E	1.CCEE 03		-502E-
4.100	-	185.5	36	m '	1.792E		.1638			-467E-
0.830		242.0	177	(1)	. 193E	÷	.088E		-5.464E 01	-171F
26.900	15.200	301.1	265	35	1.794€	-6.455E-03			1894	.578E-
7.000	15.300	238.4	285		1. 794E	-4.217E-03	.662€		3895	.285F
27.130	15.400	41.8	316	132		-5.76tE-03	. 539€	.801E		T
21.200	15.500	5 P.1	135			99.	30			1.726F-02
7,300	15.600	153.6	14:	31	ш	40-3+L5-7	.052€			9.064E-
27.400	15.700	209.1	435	31				. £23E	3994	-1.327E-01
27.566	15.600	266.5	OLE	31	-1.796E 00	-4.554E-03	3465.			388
27.600	-	323.€	352			-8.657E-03	1000		34L	169
27.700	16.000	121.5	03E	31.08	-1.797E 00	-4.611E-03	. 551E		3914	T
27.800		62.1				-3.619F-03		9.414E 02	478E	103E
7.930	-	115.1	E5E		-1.757E 0C	-5.571E-03	.923€		476E	-698E
8. COC		175.2	53E	30	-1.790E CO	-4.738E-03				
8.100	16.466	230.€	345			-8.284E-03			339	-2.525E-01
8.200		286.7	01E	29.99	-1.784E CC	-4.140E-03	955€	9.142E 02	438E	-1.262E-01
8.30C		316.6	445			-4.675E-03			13EE	-1.4266-01
28.400	_	27.7	-	58		-3.721E-03	.7036	9.047E 02	144E	-1.1346-01
28.500	16.800	84.4	E3E			+0-3562-5-				-2.987E-02
28.600	16.500	136.6	30t		782 E	-7.7406-03	3017·		32	-2.359E-01
28.700	17.000	195.0	37E		.783€	-2.127E-03	3567€	-	1336	483F
28.8CC	17.100	251.1	30E	29.03	368€	1.393E-03	. 124E		32E	4.247E-C
8.900	17.200	306.4	715			2.082E-03				6-345E-02
29.000		203.7	365			-1.812E-04			319	-5.524E-0
25.100		41.4	18	28.49		-6.783E-03	. 15 3E	8. EE4E 02	-5.453E 01	- 96 7E-
9.200		103.1	:23		316L.	-2.948E-03	-	177		-8.986E-02
9.300		158.8	376	28		-2.152E-03	. 015E		175E	-6.560E-02
25.466	17.700	214.4	30E	27.54			16E	8.517E C2	30E	-3.746E-02
005.6		270.3	245	27		3.934E-03	.097E	8.456E 02	451E	1.199
29.600	17.500	326.5	98€	27		5.834E-04	.843E	-	30E	1.7786-02
9.700		56.1	555		-1.786E 00	-3.996E-03	4.785E 02			-1.218E-01
29.800		66.5	90			-5.1CEE-03	.806E	-	445E	-1.556F
306.5		122.0	-	27.06	-1.790F 00	-3,335E-03	-		-5.456E 01	910
30.000		177.6	36	26					52E	-7.078E-03
0.100	18.400	233.3	30		-1.789F CO	-2.545E-03	179		154E	769
30.206	18.500	250.3	1.062E 00	56	3 €61	-	4.6176 62	8.112E 02	399	-1.251E-01
30.300	18.600	304.5	5	56	w	-E.346E-03	4.664E 02		-5.464E 01	-2.544F
30.406	18.700	25.5	7E		-1.795 6 00	-5.542E-03	. 566E		411E	-1.689E-01
005.0	18.500	86.4	36		-1.794E 00	3.427E-04	.783€		-5.470E 01	1.044E-02
0.000	18.900	142.3	35		793E	-2.257E-03	. 048E		164E	880E-
30.766	19.000	158.5	20	25.72	792 E	1.3511-03	36	7. E41E 02		4.117E-02
20 000	1001	2 735						1	1	
27.000	۰					10-170/	,	7.7865 02	-5-44.2E O	-1-76.E-





EXPERIMENTAL CATA

X 2 2	RUN	CSCL.	TENS ION	Z	LENGTH	VEL OC 11Y	ACCEL.	JENSICA	LENGTH	VELCCITY	ACCEL.
SEC	SFC	DEC	185		F .	F1/SEC	F1/SEC/SEC	GREE	ð	CN/SEC	CM/SEC/SEC
31.000	15.300	183.5		00	25.18	-1.7941 00	-6.429E-03			-5.467E	.959
001.	19.490	51.4	~	S	25.62	. 755E	.38	4.650E 02		-5.472E	2
207	19.500	108.3	-0	00	24.85	-1.794E CO	5.154E-04	. 845E	7.573E 0	-5	57.1E-
. 300	15.600	164.1	_	00	24.65	.793€	-2.458E-03	.053E		-5.464E	.493
00+.	19.700	220.0		30	24.48	316L	-4.63 SE-03	₹010		-5.460E	4146
	15.800	276.3	m	00	24.32	1.753 €	-4.812E-03		136	-5.466E	1.
	19.900	332.6	0	00	24.13	193€	-6.964E-U3	31 990		-5.465E	-2.123E-01
	20.000	63.5		00	23.57	755E	-2.991E-03	€13€		-5.470E	
	20.100	72.9	1.042F	00	23.81	1.795E	2		7.255E C2	-5.4	
	20.230	128.8	ur	20	23.62	1.754	.21	.952E		-5.468E	
	20.300	184.7	1.116	00	23.45	1.792E	-3.030E-03	. 06 4E		-5.462E	0
	20.400	246.5		00	23.28	3761	-7.575E-03			-5.463E	-2.4316-01
	23.500	296.3	-	20	23.11	1.794F	.07	3168.		-5.468E	-1.240E-01
	20.600	272.5		00	16.22	1.793€	-5.539E-03	34E		-5.465E	
	20.700	35.1	-	00	22.77		-1.226E-03	100	6.53SE 0.	-5.473E	-3.73 EE-02
	20.800	92.6		00	22.58	ш	-1.045E-03		230	-5.469E	-3.185E-02
	20.500	147.8	1.106E	00	22.38	3461.	-4.588E-03		3223	-5.467E	-1.398E-01
	21.000	503.4	T)	00	22. 19	1.7926	-4.341E-03	200		-5.462E	-1.3236-01
	21.100	258.9	-	00	55.04		-7.301E-03	369E		-5.466E	-2.225E-01
	21.200	314.6	-	00	21.86	1.794€	-1.354E-03		6.662E 0.	-5.467E	-4.126E-02
	21.300	164.1		00	57.12	1.794€	-2.637E-03	9089		5	.036
	21.400	55.2	-	00	21.54	1.795E	-5.112E-03	9519.		-5.472E	-1.558E-01
	21.500	111.4	2	00	21.35	194€	-3.9146-03	.8736		-5.467E	
	21.600	166.8	-	00	21.16	. 793E	-7.964E-03	.040E	316	'	
	21.700	3525€	0	00	20.97	192E	-4.536E-03	. 03 2E		-5.463E	-1.505E-01
	21.600	279.6	~	00	20.81	194E	-3.050E-03	3189	w	•	
	21.900	335.1	1.029E	00	20.64	1.793E	-5.436E-04	3599·		-5.4656	
	22.000	51.7		00	20-47	1.795	-1.198E-03	- 66 IE		-5.471E	-3.651F-02
	55.100	75.5	1.C4SE	23	20.30	:	-7.123E-03	•		304	17
	22.230	132.1			20.10	194E	-3.554E-03	. 96.ZE		-5.	
	22.300	188.0	1.124E		19.50	1.793E	-4. 789E-03	30 5 3 E		-5.465E	÷.
	55.400	543.4	6		19.13	. 793E	-3.51 5E-03	- 999E		-5.4646	
	22.500	300.3	2		19.53	1.794E	-1.187E-03	. 165E	5.55 E 0	-5.468	-3.617E-02
	22.400	244.6	~		19.36	w	-6.290E-03			-5.468E	-1.9176-01
	22.700	41.0	~		19.22	. 755E	-5.533F-03	.663E		-5.472	-1.808E-01
	22. 800	91.6			19.02		-7.856E-03	. 835E		-5.470€	956
	55.500	152.1	u		18. 65	. 793E	-5.296E-03			-5.466	3
	23.000	209.1	-			. 192E	-1.138E-03	. 066E	3 E	-5.4636	54.
	23.100	2.592	1.C80E		18.48		-2.605E-04	.857E	5.433E 0.	-5	-7.941E-03
	23.200	221.2	~		18.31	. 793E	-8.270E-04	.7676	306	-5.466E	. 521
	23.300	127.5	-		18.14	- 794E	-7.828E-03	9919·	306	-5.469€	.386
	23.400	61.5	~		17.98	195 E	-7.692E-03	31800	-480E	-5.472E	-2.3446-01
	23.500	118.1	-		17.81	194E	9	. 988E	.428E	-5.46	
	23.600	173.2	-		17.61	. 193 €	.153	.033E	36 EE	-5.465E	-8.3906-02
	23.760	228.8			17.44	-1.792F GO	1.257E-03		351:	2 -5-462F DI	2.813F-02
			۰							-	

EXPERIMENTAL CATA

NO.	CSCL.	LEAS ICA	LENGTH	VEL UCTIV	ALLEL.	ICUSICA I	LENGIL	VELOCITY	ACCEL.
3.50	ANGLE	185	1	F1/5FC	393/395/19	4789	1987	293/82	CM/SEC/SEC
				200	200000			235	מון ארבון ארב
23.500	334.1	1.331E 00	17.07	-1.793E 00	-6.967E-03	4.676E C2	5.202E C2	-5.465E 01	123E-
.000	24.1	3	15.91		-8.2136-03	4.594E 02	5.156E 02	-5.472E 01	-2.503E-01
.100	31.6	25	16.73	395L	-4-175E-03		5.CSSE 02	-5.4736 01	-1.884E-01
200	136.3	1.054€ 00	16.55	_	-6.854E-04	4.965E 02	5.045E 02	-5.469E 01	-2.089E-02
. 300	191.6	u,	16.37		-1.274E-03	5.059E 02	4.989E 02	-5.463E 01	-3.884E-02
004.	247.3	3E	16.18	193E	-6.757E-04		4.532E 02	64E	-2.072E-02
005	304.6	36	19.91	346L	-5.092F-03		4.881F 02	-5.468F 01	-1.552E-01
009	225.2	OF	15.84	753F	-1. C1 FF-02		4.828F 02	999	097F
200	9.44	35	15.64	196 F	-5.483E-03		4. 780F 02	ħ	1.471601
600	100.4	1. (+ 4 = 00	15.60	795E	-1.793E-03		4.725E 02	-5.4706 01	- 5 - 444E-02
000	155.0	. u	16.23	1.793E	-1.02 RE-03	6. 030E 02	4.473E 02	10 344 5-	133602
200	****	. u	20.01	7002	1 30 45 04			3000-0-	201030
0000	2117		12.12		-1-/84E-04		4.617E 02	-	-2.43EE-03
.100	267.5	w	14.99		-3.559E-03			-5.466E	-1.207E-01
. 200	324.2	w	14.80	-1.793E 00	-6.769E-03	4.678E 02	4.510E 02	-5	-2.063E-01
.300	108.6	1.037E 00	14.65	795E	-7.669E-03	4.702E 02		-5.471E	-2.338E-01
.400	65.5	u	14.48	-1.796E GO	-1.810F-03			-5-4736	-5.516F-02
200	121.2		14.28	1.794F	8-468F-04	4.90GF 02	4. 35 4F 02	3877	2.5816-02
000	177.6	11	14.11	701F	-1-0396-03		4.300F 02	3577	-1.168F-02
700	237.0	, u	13 60	3006	-2 44 BE-03		4 227E 02	2636	- 0715-02
000	200	, ,	12 73	706 6	20136-03		70 20 20 7	10 3604.6	20 20 20 20 20 20 20 20 20 20 20 20 20 2
200	303		13 66	20 3462	-7 4446-03	4.655 02	101010		יייייייייייייייייייייייייייייייייייייי
200	30.00		12 20	2046	6 4745 03		10100 OC	10 3/04-6-	10-3017
	7.00	00 20101	13 31	706 5 00	-3-4/46-03		A 0746 03	- 20 TO	100000
200	3 6 7 8		13.61	3076	*0-20c7-1-		4.02CE 02		20-3017-7-
200	146.5		13.03	1	1.082E-03		Solite UZ	2700.0	3.3001-02
. 300	198.		12.84	-1.7921 00	-2.594E-03		0	ï	-7.907E-02
.400	254.6	_	12.66	-1.7936 00	-4.979E-03	_	3.659E 02	-5.464E	-1.518F-01
.500	310.6	1.0395 00	12.48		-4.505E-03	4.713E 02		-5.467E	-1.983E-01
007.	187.4	1.033E 00	12.32	-1.794E 00	8 -830E-03	4.615E 02.	3.754E 02	-5	2.691E-01
.700	€0.6	5.990E-C1	12.16	-1.782E CO	2.697E-01	_	3.7CeE 02	-5.431E	8.221E 00
.800	106.7	1.016E 00	11.58	-1.731E CC	6.62 IE-01			-5.276E	
005.	161.2	7.2815-01	11.86	-1.575£ 00	1.120E 00		3.412E 02	-4.802E 01	3.4146 01
000.	216.5	4.488E-01	11.61	-1.003E CO			3.601E 02		
. 100	272.5	1.3495 00	11.61	-3.779E-01	1.1176 00				
.200	328.3	1.336E 00	11.80	-3.298E-02		6.058E 02	3.594E .02	1	
.300	19.5	5.9085-01	11.79	7.C25E-02	5.234E-01			2.141E 00	-
004.	5.59	-		5.505E-02	-3.152E-01				
0050	124.5	€ 3		2.612F-62	-3.402E-01		3.602E 02	-	.037E
0.	180.1	256	7	-1.218E-03	-1.75 IE-01			-	
0.	235.7	7.923E-01	=	-1.285 E-02	-5.08E-02			-3	-1.5516 00
0.	292.2	1		-1.458E-C2	1.084F-02		3.601F 02		3. 305E-
0	285.7	SBE	11.82	1.261	2.262F-02		3.404F 02	-	6.805 F-01
0.	33.5	416-	11.83	1036	1.4775-02	320		-	4. 6036-01
		3		-1 5075-62	20 31 10 5		2 4046 03	1	
2 .	2000	1000		יוייני לייני	3.03 £ - US	20 35644	3.0046 02	î'	10-135-01
0.0	3.64	1881.	11.83	1945	5.54 7E-04	BSE	3. CO SE 02	-2.573E-01	1.8136-02
•	2002	10116.5	11.83	-5.629E-03	-1.3936-03	4.495F 02	3.6C7F 02	-1-0356-01	-4-2475-02
•							-	******	

EXPERIMENTAL CATA

RCUR	RUN	CSCL.	TENS ICN	LENGTH	VEL OC 11Y	ACCEL.	TENSICA	LENGTH	VELOCITY	ACCEL.
2	SEC	966	1.85	7	F1/SEC	F1/SEC/SEC	GPAP	5	CM/SEC	CH/SEC/SEC
35.600	23.500	334.1	1.031E 00	17.07	-1.793E 00	-6.967E-03	4.676E C2		.465E	-2-123E-01
001	24.000	24.1	1.0135 00	16.91	195 E	-8.2136-03	4.594E 02	5.156E 02	-5.472E 01	-2.503E-01
000	24.100	31.6	1.0455 00	16.73	1.796E	-4.175E-03	135E		-5.473€ 01	-1.884E-01
200	24.200	136.3	1.054E 00	16.55	346L	-6.854E-04		5°C45E 02	-5.469E 01	-2.089E-0
00	24.300	191.6	1.1155 00	16.37	192E	-1.274E-03			w	-3.884E-0
00	24.400	247.3	1.CSSE 00	16.18		-6.757E-04			-5.464E 01	-2.072E-02
00	24.500	304.6	1.049E 00	19.91		-5.092E-03			46 BE	-1.552E-01
90	24.600	225.2	1.040E 00	15.84	193E	-1. CI EE-02		13	-5.466E 01	-3.097E-0
904	24.700	44.0	1.023E 00	15.68	396L	-5.483E-03	4.641E 02		-5.474E 01	-1.671F-01
000	24.800	100.4	1.CEEE 00	15.50	795E	-1.793E-03		19	470E	- 5.464E-0
00	24.900	155.9	1.1095 00	15.33	193E	-1.028E-03				-3.133E-0
201	25.000	31115	1.116F 00	15.15		-1.784E-04			-5.462E 01	-5.438E-03
000	25.100	267.5	1.CECE 00	14.99	. 793E	-3.559E-03			466E	-1.207E-0
000	25.200	324.2	1.031E 00	14.80	793E	-6.769E-03	578E		-466E	-2.063E-0
000	25.300	108.6	1.037E 00	14.65	3562 €	-7.669E-03			471E	-2.338E-0
001	25.400	65.5	1.0445 00	14.48	1.796E	-1.810E-03	136E	87.44	473E	-5-516F-0
200	25.500	121.2	1.082E 00	14.28	1.794F	8.468E-04	4.909E 02	4.354E 02	468F	2.581F-02
000	25.600	177.6	1.166 00	14.11	793E	-1.0396-03			4695	-3.168F-0
200	25.700	232.9	1.1016 00	13.50	792E	-2.64 AF-03			3699	-8-071F-0
900	25.800	285.5	1.065E 00	13.72		-8.213F-03			469F	-2.503F-0
000	25.900	303.€	1.C27F 0C	13.55	194E	-7.666E-03	4.6581 02	4.130E 02		-2.337E-0
00	26.000	30.2	1.016E 00	13.38	3961	-5.474E-03	- 1			-1-669F-0
001	26.100	84.6	1. CSCF 00	13.21	-1.795£ 00	-7.250E-04		DZEE	-5.472E 01	-2.210E-02
00	26.200	142.5	1.102E 00	13.03	3962	1.0856-03		3778		3.306F-0
200	26.300	198.5	1.112E 00	12.84		-2.594E-03		\$ 1 SE		-7-907E-0
00	26.400	254.5	1.100E 00	12.66	1936	-4.979E-03		155E		-1.518F-0
00	26.500	310.6	1,039€ 00	12.48		-4.505E-03		77		-1.983E-0
201	25.600	187.4	1.033E 00	12.32	346	8 -830E-03	. SE	154E		2.691E-0
200	26.700	3€.€	5.990E-01	12.16		2.697E-01	4.531E 02	3.7CEE 02		8.221E 00
00	26.800	106.7	1.016E 00	11.58		౼		200	-276E	2.018E 0
200	56.500	161.2	7.2815-01	11.86	-1.575 6 00	1.120E 00		05	-4.802E 01	3.414 6
00	27.000	216.5	4.4885-01	11.61		1.113E 00		05	2	3.3936 0
300	27.100	272.5	1.3495 00	11.81	-3.779E-01	.11 7E		05	-1.152E 01	
000	21.200	228.3	1.336E 00	11.80	-3.298E-02	1.115E 00		77	-1.005E 00	366
000	27.300	19.5	5.9085-01	11.79	7.C25E-02	5.234E-01		05	2.141E 00	
00	27.400	6.59	8.481F-01	11.81	5.505E-02	-3.152E-01		02	1. EGGE 00	296
00	27.500	124.5	1.3€3€ 00	11.82	2.612E-62	-		02	7.560E-01	37E
001	0.0	180.1	1.025E 00	11.82	-1.218E-03	-1.75 IE-01		05	-3.712E-02	38E
33	0.0	235.7	7.923E-01	11.81	-1.285 E-02	5	3.5546 02	3.55E 02	-3.517E-01	551E
000	0.0	292.2	1.1416 00	11.62	-1.458E-C2	1.084E-02			-4-44 E-01	305E-
200	0.0	285.7	1.058E 00	11.82	-1.261E-02	2-262E-02	4.983E 02		-3.842E-01	895F
001	0.0	33.2	7.541E-01	11.63	-1.036E-02	1.4775-02	502E			-502F-
00	0.0	85.5	5.5C6E-01	11.83	-1.C07E-C2	5.652E-03	936			1
00	0.0	144.6	1.188F 00	11.83	-9.754E-03	5.547E-04	85E		-2.573E-01	=
900	0.0	200.5	5.9115-01	11.83	-5.629F-03		4.4956 02	3.4676 02		24.76
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EXPERIMENTAL CATA

71 ME 71 ME 71 ME 0.0 0.100 0.200 0.200 0.300			CECELERATION, F CECELERATION, F ELN TIPE, SEC. INITIAL LENGTH, F FINAL LENGTH, F	F F F F F F F F F F F F F F F F F F F	1.00 6.00 6.00 91.30	FREQUENCY,		2.50	XX = 4.74 XX = 4.74 XX = 4.56	6000 4.740E-01 4.560E-01
iseartigs.	3	1380	NO SANT	- ENGL	- ENGLISH UNITS	7000		HETRIC	HETRIC UNITS	
i ar i digiri	TIME	ANGLE	1982		FT/SEC	F1/SEC/SEC	GPAP		CP/SEC	CHICECIEN
111111			7116-01	7.31		-6 1025-03	2 96 16 03			
	0.0	120.9	1.037E 00	7.21	-1-407F-02	-6.713F-03	4.70% 02	2. 1986 02	2006-01	-1.5555-01
	0.0	213.5	1.120E 00	7.20	-1-324 E-02	-6.154E-03		2. 15 SE	-4.037E-01	-1.876F-0
	0.0	305.7	9.264E-01	7.20	-1.359E-02	-5.483E-03		2-195E	-4-192E-01	-1.671E-01
	0.0	4.98	8.709E-01	7.23	-1.254E-02	-5.299E-03		2.203E	-3.8238-01	-1.615E-01
	200	120.0	1.117F OC	1.23	-1.369E-02	-5.4335-03	4.650E 02		-4.052E-01	-1,6565-01
	0.0	303.€	9-241E-01	7.22	-1-2546-02	-4-662E-03		2.200E	-3-824F-01	-1.4211-0
	0.0	66.3	6.711E-01	7.22	-1.276E-02	-4.957E-03		2.200E	-3.85CE-01	-1.511E-01
	0.0	118.9		7.23	-1.307E-02	-5.84E-03	-	2.203E	-3.983E-01	-1.776E-01
	0.0	211.2	1.119 00	2.5	-1.282E-02	-5.859E-03		2. 154E	-3.5C7E-01	-1.786E-0
		88.5	8.719F-01	7.20	-1-312E-02	-4.069E-03	3.955 02 3.955 02		-3.558E-01	-1.4226-0
	0.0	120.0	1.034€ 00	7.21	-1.235 6-02	-5.917E-03		2.155	-3.765E-01	-1.8046-01
	0.0	212.3	1.117 00	7.21	-1.269E-02	-5.817E-03	-	2.1976	-3.869E-01	-1.773E-0
	0.0	305.3	9.224E-01	7.21	-1.282E-02	-4.456E-03		2.159E	-3.908E-01	-1-358E-0
	0.0	83.2		7.22	-1.1796-02	-5.163E-03	-	2.200E	-3.592E-01	-1.574F-0
	90	16102	1 1146 00	7 21	-1.255E-02	-5.547E-03	3.0	2.203E	-3.625E-01	-1.6511-0
	0.0	306.5	- 1	7.22	-1.1346-02	-5-386F-03	4-180F 02		10-3036-6-	10-14-11-
	0.0	80.1	8.6635-01	7.23	-1.1246-02	-4.826E-03	esta.	2.265E	-3.426E-01	-1.4716-0
	0.0	121.5	1.036E 00	7.24	-1.179 E-02	-5.3836-03		2.2CEE	-3.554E-01	-1.6415-0
	0.0	213.7	1.11 % OC	7.23	-1.1796-62	-4.857E-03		2.203E	-3.594E-01	-1.480E-01
	0.0	305.9	9.220E-01	1.22	-1.1526-02	-3.359E-03		2.201E	-3.512E-01	-1.024E-01
	0.0	£2.6	6.656E-01	7.22	-1.222E-02	-5.224E-03		2.2CCE 02	-3.725E-01	-1.592E-01
	900	150.1	1.02 re 00	1.23	-1.316E-02	-5.65 7E-03		2.203E	-4.012E-01	-1.737F-0
		304 6	1.11/E 00	2.50	-1-1826-02	-5.586-03	5.065E 02	2.156E	-3.612E-01	7607
	0.0	86.4	8 - 706E-01	7.22	-1-1736-02	-5.143F-03			-3-6776-01	2645
	0.0	120.3	1.036E 00	7.22	-1.2536-02	-5.686E-03		2.200E	-3.818E-01	
	0.0	212.5	1.117E 00	7.21	-1.2786-02	-5.461E-03	A72	2.158E	-3.854E-01	-1.664E-01
	0.0	305.4	9.215E-01	12.7	-1-1906-02	-3.643E-03			-3.629E-01	-1.110E-01
	0.0	83.1		7.22	-1.166E-02	-4.960E-03	940E	2.200E G2		-1.512E-01
	0.0	121.3	1.038E 0C	7.23	-1-1656-02	-5.678E-03	4.766 02		-3.550E-01	-1.731E-0

EXPERIMENTAL CATA

X 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	RON	080	TENSION	LENGTH	VELOCITY	ACCEL.	TENSICA	LENGTE	VELOCITY	ACCEL.
SEC	SEC	990	185	11	FT/SEC	FT/SEC/SEC	GRAP	à	CP/SEC	CH/SEC/SEC
004.	0.0	213.9		7.22	-1.092F-02	- 5-04CF-03	5. C66F 02		-3.327E-01	-1-5366-01
1.500	0.0	307.4		7.22	-1.175 E-02	-4-172E-03	4-1746 02	2.20ZE 02	-3.582E-01	-272F
009.	0.0	17.1		7.24	-1.149E-02	-4.473E-03	0 3		-3.503E-01	-1.363E-01
. 700	0.0	122.6	.039E	1.24	-1.184E-02	-4. 873E-03	.712E 0		-3.6(7E-01	-1.485F-0
. 800	0.0	215.1		1.24	-1.247E-02	-4.687E-03	0		-3.8C1E-01	-1.429E-0
006.	0.0	308.1		7.23	-1.239E-C2	-4.18SE-03	0	-	-3.775E-01	-1.277E-0
4.00c	0.0	76.5		7.23	-1.259E-02	-5.004E-03	0 3		-3.837E-01	-1.525E-0
4.100	0.0	122.5	1.04CE 00	7.23	-1.304E-02	-5.914E-03	7156 0		-3.975E-01	-1.803E-01
.200	0.0	214.6		7.22	-1.348E-02	-5.584E-03	0		-4-108E-01	-1.824E-0
.300	0.0	301.2		1.20	-1.337E-02	-4.793E-03	0		-4.077E-01	-1.461F-
004.	0.0	80.7		7.23	-1.203E-02	-5.185E-03		2.203E 02	-3.667E-01	-1.500E-
4.50c	0.0	121.5		7.23	-1.313E-02	-5.937E-03			4.003E-01	-1.809F0
009	0.0	213.6	1.116E 00	7.22	-1.230E-02	-5.327E-03			-3.749E-01	•
.700	0.0	306.6		7.22	-1.269E-02	-4.567E-03	.158E		698	
. 800	0.0	80.1		7.23	-1.205E-02	-4.725E-03	.939E		2	-1.4416-01
006	0.0	Lilet	1.039E QQ	7.24	-1.261E-02	-5.491E-03	4.715E 02		-3.842E-01	-1-6745
000	0.0	214.2		7.23	-1.220E-02	-5.597E-03	-	2.203E 02		-1-706F-0
100	0.0	307.6		7.23	-1.225 6-02	-4-027F-03		287	-3.734E-01	-1.22eF
-200	0.0	77.1	8.6.5E-01	7.25	-1-211E-02	-5.255E-03			-3.6926-01	
300	0.0	122.9	9190	7.25	-1.261F-02	-4.45 AE-03	7245		Ţ	
2.400	0-0	216.6	1.1146 00	7.26	-1-365 F-02	-4.6036-03	5.051E 02	2.2116 02	-4.1416-01	ĸ
2.500	0.0	306.1	9-1:4F-01	7.24	200	-3.532E-01				
209	0-0	73.6		7.24	-1.2496-02	-4.456F-03		2.2CFF 02	-3.0(76-01	10-3886-01
700	0.0	126.1	1-042F 00	7.24	-1.307F-02	-4.9576-03	7286	301		-1-5116-0
2.800	0.0	216.8	1.115F 00	7.22	-1.2556-02	-4.2436-03			-1.0246-01	-1.404
2.900	0-0	305.5	9-1596-01	7.21	-1.357 E-02	-4.05RF-03			-4-135F-01	-1.27
9000-9	0.0	71.5	6 - 4 39E - 01	7.23	-1-286F-02	-5.166F-03		-	-3.920E-01	- 4766-
100	0.0	123.6	1-042E 00	7.22		-5.433F-03	4. 728F 02	2.2016 02	F	1
200	0.0	216.4	1.1136 00	7.23	-1.308F-02	-5.444F-03	1690	-	687	-1.4596-0
6.300	0.0	306.6	9-135E-01	7.23	£			2.203E 02	-3 .880 E-01	A
6.400	0.0	77.6	1	7.24	-1.266E-02	-5.004E-03		-	-3. 855E-01	-1-5256-01
6.500	0.0	123.1	0	7.24	-1.310E-02	-5.116E-03		9.75	6	
009-9	0.0	215.3	1.112E 00	7.24	-1.196E-02	-5.235E-03		2.206E 02	-3.646E-01	-
6.700	000	308-1.	Т	7.23	-1.287E-02	-3.095E-03		2.2C3E 02	-3.522E-01	•
9.800	0.0	78.0		7.25	-1.2436-02	-4.222E-03	_	2.210E 02	-3.750E-01	-1.2076-0
006-	0.0	123.0		7.25	-1.415E-02	-4.55 BE-03	1	2.210E 02	4.312E-01	-1.4016-01
2000	0.0	216.2		7.24	-1.4146-02	317	-	2.20eE 02	-4.369E-01	-
7.100	0.0	306.9		1.24	325		100	2.208E 02	038	-1.030F-0
1.200	0.0	75.4		1.24	-1.272E-02	-4.731E-03	-	2.206E 02	-3.677E-01	-1.4426-0
7.300	0.0	124.E.	1.043E 00	7.25	305			1000	-3-979E-01	B.u.
004-	0.0	217.4		7.22	-1.331E-02	-5.026F-03	.046E	-	-4.056 E-01	\mathbf{L}
7.500	0.0	310.1		7.21	-1.322E-02			2. 19SE 02	150	-1-3456-0
2090	0.0	66.2		7.23	-1-216F-02		3916	207	2	к.
.700	0.0	125.4		7.23	247		100	340		-1.584F-0
		217.6		7.33	-1 3476-03	5		2000	E	I
308-	0.0			77.	70-31-6-11					

EXPERIMENTAL CATA

RCDA 11 ME	RUN	rscl.	TENSION	LENGTH	VELOCITY	ACCEL.	TENSICA	LENGIF	VELULINY	wither.
SEC	SFC	DEG	LPS	11	F1/SEC	FT/SEC/SEC	GRAP	t	CP/SEC	CM/SEC/SEC
9.000	0.0	71.9	8.640E-01	1.24	-247E-0	166			-3.8CIE-01	-1.574E-01
8.100	0.0	124.5	3	7.23	:	-5.291E-03				-1.6136-01
8.200	0.0	216.8	1.1126 00	1.23	-	-4.937E-03	5.043€ 02	2.2046 02	-4.070E-01	-1-505-01
8.300	0.0	308.8		1.24	-1.258E-02	-3.554E-03	4.136E C2		-3.956E-01	311
8.400	0.0	15.5	64	7.26					-3.55E-01	-1.330E-01
8.500	0.0	124.1	3	1.26	-	-4.261E-03		-	-4-1156-01	-1-266E-01
8.600	0.0	216.6	1116	1.26	-1.3416-02	-4.464E-03			-4.066E-01	3615
8.700	0.0	305.1	1C8E-	7.25	-1.2638-02	-3.117E-03		2.208E 02	-3.849E-01	
8.800	0.0	15.3	8.675E-01	1.24	-1.2716-02	-3.725E-03			-3.8746-01	-1.137F-01
8.900	0.0	125.2	1.C47E 00	7.25	-1.3636-02	-5.385E-03			-4.154E-01	-1.641E-01
0000.6	0.0	\$17.5	-	7.23	-1.281E-02	154			-3.904E-01	-1.449E-01
9.100	0.0	310.6	_	7.22	-1.308E-02	-4.434E-03			-3.586E-01	-1.412E-01
9.200	0.0	66.1	€. €25E-01	7.24	-1.251 6-02	*			-3.614E-01	
9.300	0.0	126.5		7.23	-1.245E-02	-5.054E-03			-3.795E-01	-1.5411-01
2.466	0.0	1.612		7.24	-1.2676-02	-4.665E-03			-3. E61E-01	-1.422F-01
2.500	0.0	3116	S.091E-01	7.24	-1,232E-02			2.2C7E 02	-3.755E-01	-1.1156-01
2.600	0.0	9.99	25	7.25	-1.167E-02				-	-1.420E-01
2.700	0.0	127.4	1.047E 00	7.25	-1.279 E-02				-3.656E-01	-1.4795-01
9.800	0.0	:15.3		7.24	-1-196E-C2	-4.579E-03			-3.645E-01	-1.518E-01
9.900	0.0	311.5		7.25	-1.201E-02	-3.564E-03			-3.661E-01	-1.209F-01
10.000	0.0	66.6	E. £225-01	7.26		-4.008E-03			-3.443E-01	-1.2226-01
10.100	0.0	126.3		7.26	-1.323E-02	-4.48 7E-03			-4.032E-01	-1.367E-01
10-200	0.0	216.2	3601	1.26	-1.186E-02	-3.571E-03			-3.615E-01	-1.0886-01
10.300		310.5	- 100	1.25	-1.240E-02	-3-379E-03			-3.7796-01	-1.030E-01
004.00		8.60	10-38C-01	1.25	-1-1946-02	-4-370E-03	3.927E 02	2.210E 02	-3.638E-01	-1.3326-01
200		1.00.1		7 23	2035-02	50-3570-6-			10-3661	100000
1000		2110		7.22	-1.3126-02	-7.355E-US	5.035E 02	2 202E 02	10-1016-01	10-36001-
200		20116		7.24		-6 2246-03			-3 744E-01	10.3636.01
10.900		127.1	1.65CF 00	7.23		- 4.11 AF-03		2.2086 02	-3 670E-01	-1.558E-01
11.000	0.0	219.5		7.24	-1-2936-02	-4.574F-03			-3.941F-01	-1.3956-01
11.100	0.0	213.4		7.24	-	-3.501E-03		2.2CEE 02	-3.E73E-01	-1.067E-01
11.200	0.0	61.1	8.558E-01	7.26		-4.32 SE-03	3.9COE 02		-3.769E-01	-1.318E-01
11.300	0.0	128.6		7.26	-1-223E-02	-4.751E-03			-3.728E-01	-1.48F-01
11.400	0.0	\$51.4		7.24	-1.239E-02	-4.306E-03			-3.778E-01	-1.3126-01
11.500	0.0	314.4	9.041E-01	7.25	-1-232E-02	-3.496E-03			-3.7546-01	-1.06 SE-01
11.600	0.0	58.6	8.587E-01	7.27	-1.233E-02	-3.3686-03			-3.759E-01	-1.026E-01
11.700	0.0	128.€	1.C51E 0C	7.26	-1-258E-02	-5.141E-03			-3.8338-01	-1.567E-01
11.800	0.0	221.1	390 T	7.27	-1.279E-02	-3.560E-03			-3.899E-01	-1.207E-01
11.900	0.0	313.6	5. C38E-01	7.25	-1.263E-02	-2.797E-03		2.111E 02	-3.851E-01	-8.526E-02
12.000	0.0	61.3	8.6C8E-01	7.25	-1.222F-02	-4.008E-03		-	-3.7268-01	-1.222E-01
12.100	0.0	127.5	1.052E 00	7.26	-1.261E-02	-4.765E-03			-3.843E-01	•
12.200	0.0	250.3	1.1CEE 00	7.25		-5.3996-03		2.211E 02	-3.655E-01	
12.300	0.0	313.2	\$.029E-01	7.23		~	4.096E 02	2.203E 02	-3.965E-01	-1.003E-01
12.400	0.0	9.39	8.6 22E -01	7.25	-1.300 E-02	-4.851E-03		2.2CSE 02		-1.479E-01
12.500	0.0		-							

EXPERIMENTAL DATA

	0SCL .	TENSION	LENGTH	GTH VELOCITY	ACCEL.	TENSICK	LENGTE	VELOCITY	ACC EL.
	DEG	188	E	FT/SEC	fT/SEC/SEC	CBAP	ð	CP/SEC	CH/SEC/SEC
	220.9	1.1C7F 00	7.24	-1.264E-02	-4.645E-03	5.019E 02		-3.852E-01	-1-416F-01
	314.6	5.014E-01	7.24	235 E	-3.446E-03	4.CBSE C2	2.20EE 02	-3.764E-01	
	56.4	8.53E-C1	7.26	1.256E	-4.6486-03	3858€		-3.829E-01	-1.417F-01
	125.6	U	1.25	1.282	-5.617E-03	.785E		-3.5CBE-01	-712F
	222.1	4	7.25	-1.195E-02				-3.644E-01	-1.471F-01
	316.2	9	7.25	-1.154E-02	-3.849E-03		-	-3.518E-01	
	\$2.6	8.563F-01	7.27	-1.169E-02	-3.562E-03			-3.562E-01	
	121.2	1.0565 00	1.27	-1.250E-02	-4.228E-03	4.7916 02		-3.811E-01	-1.209E-01
	223.5	36	7.27	-1.157E-02	-3.780E-03	5.0C1E 02		-3.648E-01	-1.152E-01
	316.8	36-	7.25	-1.2316-02	-2.5748-03			-3.752E-01	-7.6476-02
	51.3	8.581F-01	7.26	-1.181E-02	-4.089E-03	8926	1	-3.599E-01	-1.246F-01
	130.6	32	7.26					-3.759E-01	1.468
	223.6	w	7.23	-1.151E-02	-5.046E-03		- 22	-3.5(7E-01	538E-
	315.6	0-31	7.24	-1.228E-02	-4.091E-03	4.077E 02	2.2C6E 02	-3.744E-01	247E
	55.5	13	7.25	-1.272E-02	-4.331E-03		2.21CE 02	-3.876E-01	-1.320E-01
	130.4	32	7.25	-1.261E-02	-5.004E-03	4.801E 02	2.211E 02	-3.642E-01	-1.525E-01
	552.9	1,071ë 00	7.25	-6.342E-03	1.374E-01			-1.9336-01	188E
	315.6		7.27	5.027 E-02	8.054E-01	540E		1.532E 00	2.456E 01
	55.0		7.29	1.550E-01	1.161E 00		-	4.723E 00	
2	130.9	9.9446-01	7.32	2.708E-01	1.133€ 00			-	155E
	254.6	5E	7.36	3.7396-01	1.002E 00		2.244E 02		15 SE
	316.6	E. 172E-C1	7.42			3.979£ 02	2.262E 02	1.420E 01	2.746E 01
-	5000		1.50	5.529E-01	•	-45 EE	2.215E C2	9626	717
00.700	132.8		85.7	6. 361E-01	•	532E	Z. 309E 02		593E
_	2522	1.C89E 00	7.66	7.188E-C1	E-514E-01				395E
	317.1	36	2:2	8-0101-01			7		3719
		ъ.	7.83	8.862E-C1	8-599E-01		-	2.701E 01	-
	133.7	Ä :	1.55						2-630E 01
10	256.6			1.053E 00		4.10.10 02	2.45CE 02		3000
	31102	10-3075-B	8.15	101345 00		3011			1
	133 4		9.30		10-3495	30.36.6		3.0016 01	2016
	224.7	, 4		10 300E		4636		3066	10 3768 6
Z.	316.3	1		16.36			-		32.63
31	47.4	, <u>u</u>	8.50		E-538F-01	3999	2.7136 02	4.716 gi	2.4026 01
1.900	132.6	SF-	9.08	£31E	8.524E-01	3666	-	5726	3005
	224.6	.072F	9.24		-	860E		3115	SOF
	316.9	.5	9.42	1.766E 00		872E			1.368E 01
	48.0	7.487E-01	9.63		1.36 IE-01		534E	467E	4.148E 00
	134.2	.5.	9.80		-1.068E-02	363€	3986	BZE	-3.257E-01
10	226.2	0	9.95	1. 793E 00	-4.523E-02	. 853£		5.4676 01	-
	314.5	£.235E-01	10.11	No.			CBZE	SIE	-9. 499E-01
	42.5	-2125-	10.31			3.2716 02	116	346	-4.768E-01
	135.1	5.889E-01	10.48	-	-1.202E-03	.466	SE	5.4566 01	-369E
L		. OC 25 00 .	** **	. 2006	`				
	77877	200				200	30 45 67 65	70 4756	

EXPERIMENTAL CATA

RCOR	RUN.	0804.	TENSION	LENGTH	VELOCITY	ACCEL.	TENSICA	LENGTE	VELOCITY	ACCEL.
SEC	SFC	266	LBS	1.4	FT/SEC	FT/SEC/SEC	GRAP	5	CH/SEC	CH/SEC/SEC
17.200	3.000	44.0	72F	11.01		-2.541E-03	3.163E 02	3.256E 02	5.4536 01	-7.7456-02
300	3.100	136.5	5.650E-01	11.19	1.790E 00	5.1996-03		3.410E 02	5.457E 01	1.585E-01
00+	3.200	228.2	37Z	11.36		-3.61 FE-04			5.455E 01	-1.103E-02
200	3.300	314.4	8.249E-01	11.53		-2.961E-03				-9.026E-02
009	3.400	43.6	6.7555-01	11.73		-7.498E-03			5.455E 01	-2.285E-01
200	3.500	135.8	9.837E-01	11.90		3.059E-03	-		5.458E 01	9.323E-02
900	3.600	227.4	47E	12.07		5.6928-03			ш	1.735E-01
006	3.700	315.6	03E-	12.25		-5.567E-03		247	447E	825F
200	3.800	43.2	ш	12.45		-7.570E-03	CE 7E	3.75 E 02	5.456E 01	307E-
100	3.900	135.8	15E-	12.64		5.65CE-04		E SE		-722F-
200	000.	227.9	376	12.81	190E		5.156E 02		5.456E 01	2-427E-01
300	4.100	312.6	51E-	12.99	789E	2.978E-04	100	555E	5.454E 01	077E-
004	4.200	44.4	35E-	13.17	- 790E	-1.053E-02	35E	14E	5.455E 01	-3.208E-01
200	4.300	137.0	7E-	13.35	190E	-2.644E-04	344E		5.457E 01	-8-059E-03
909	4.400	225.5	36	13.51	.789E	4.161E-03	-214E	4.117E 02	5.453E 01	1.268E-01
.700	4.500	304.1	8-730E-01	13.68	.787E	6.847E-04	-960E		5.447E 01	
. 800	4.600	46.3	156		- 790E	-8.842E-03	905E		5.457E 01	-2.695E-01
900	4.700	136.6	*	14.07	-790E	-5.377E-03	.175E	4.285E 02	5.457E 01	-1.639E-01
000	4.800	231.2	1.184E 00	14.24	1.789E 00	2.3636-03	.372E		5.454E 01	7.202E-02
100	4.900	302.1	9.064E-01	14.41		4.091E-04	.1116		5.450E 01	1.2475-02
200	2.000	47.2	6.266E-01	14.60	1.790E 00	-4.826E-03	2.842E 02	4.451E 02	5.456E 01	-1.471E-01
300	5-100	139.1	-361	14.78		-1.781E-04	. 055E		5.458E 01	-5.429 E-03
204	2.200	231.3	. SE	14.53		5.630E-04			5.456E 01	2.535E-02
200	5.300	304.5	-38	15.11		-3.112E-03	4.186E 02		5.449E 21	-9.484E-02
909	2.400	46.5	13E-	15.31		-8.631E-03			5.457E 01	-2.6315-01
100	2.500	136.3	=	15.49		2.249E-03	Cυ		5.456E 01	6. 854E-02
800	2.600	230.6	=	15.67		7.476E-03	449E		5.455E 01	2.2795-01
306	2.700	304.7	.7E	15.84	-788E	-7.403E-04			5.450E 01	-2.257E-02
000	2.800	46.5	12E-	16. 62	1.790E 00	-1.109E-02	2.8136 02		5.456E 01	•
100	2.900	138.6	7.589E-01	16.20	368€	-6.580E-03			5.4546 01	-2.128E-01
200	000.9	231.3	0 30E	16.34	189E	9.3936-03			5.452E 01	2.863E-01
300	6 - 100	302.2	12E	16.52	187E	5.427E-03	w		5.448E 01	1.654F-01
400	6.200	47.6	05E-	16.72		-1.167E-02	2		5.454E 01	-356E-
200	6.300	140-1	•	16.89	189E	-9.070E-03			5.454E 01	1
009	004.9	233.6	45E	17.06	3681	3.0176-03	w	316	5.452E 01	7
100	6.500	256.2	44E	17.23	788E	7.3485-03	w.		5.445E 01	2.240E-01
900	009-9	45.6	27E-	17.44	3161	-397S	32		5.458E 01	-2.324E-01
900	6.700	142.0	57E-0	17.61	3681	-1.03 EE-02	36		5.454E 01	-3.158E-01
300	9.800	234.6	1.086E 00	17.79	368L	2.522E-03			5.451E 01	7.686F-02
301	006.9	293.2	36E	17.55	1.788E 00	4.573E-03	242E		5.449E 01	-
200	1.000	8.64	-319	18.16	316L	-3.320E-03	36	336E	5.458E 01	0
300	1.100	142.€	6.63CE-01	18.33	3061	-6.866E-03			5.455E 01	-2.093E-01
004	1.200	234.5	1.048E 00	18.51	368L	.572	326	34 1E	5.452E 01	•
200	7.300	296.2	1.158E 00	18.67		5.221E-03	32		5.449E 01	1.6226-01
600	7.400	44.3	7.637F-01	18.84	1.7905 00	0	377	5.75CE 02	5.447E 01	
	-			۰	200			•	10 316	17770

EXPERIMENTAL CATA

P	OSCL.	TENS ION	LENGTH	GTH VELOCITY	ACCEL.	TENSICA	LENGTH	VELCCITY	ACCEL.
SEC	ANGLE	185	F.1	F1/SEC	F1/SEC/SEC	44 45	t	CM/SEC	CM/SEC/SEC
7.600		1.300E 00	19.20	1.788E 00	2.5035-03	4.537E 02			6.64.8E-02
1.700	256.6	1.16 E 00		1. 788F CO	7.234E-03	N	5.902E 02	5.449E 01	2.205E-01
7.80		8.171E-01	19.58					5.458E 01	-1.995E-01
7.900		2E-	19.75	1.789E 00	-1.1356-02	3656	02 1E		-3.459E-01
8 .000		5.5 20E-01	19.52		•	1186	-		
8.100		1.158F 00	20.10		8.687E-03			5.449E 01	2.709F-01
8.20		8	20.31		-4.3588-03				-1.320F-01
8.30		3	20.48		-1.049E-02	3.041E 02		5.454E 01	-3.196F-01
8.40		8.577E-01	50.65		~		.252E	316	-1.1346-01
8.50		-	20.83	1.787E 00	7.295E-03	5.175E 02	6.348E 02	5.447E 01	2.223€-01
8.600		-	21.04	3161	-1.573E-03		412E	5.457E 01	-6.015E-02
8.700		7-2135-01	21.20	1.790 E 00	-7.682E-03		46 2E	395	-2.341E-01
9.800		8.851E-01	21.37	u	-1.545E-03	35	6.515E 02	5.449E 01	-4.708E-02
8.900		1.0945 00	21.55		4.473E-03	4.564E 02	6.567E 02		1.3635-01
9.000		S.Ce3E-01	21.15		-3.117E-04	120E	6.628E 02		
9.100		7.272E-C1	21.51	No To	-5.23 8E-03		6.678E 02	5.452E 01	-1.597E-01
9.200		-	22.06	1.787E 00	-1.75 EE-03		6.723E 02	5.447E 01	100E
9.30		•	22.21		3.6856-03	3068	6.765E 02	42E	1.1236-01
9.40		-35	22.44	1.790E CO	-4.628E-03		6.839E 02	316	-1.4116-01
9.50		_	22.61	1.790E 00	-5.970E-03		6. ESZE 02	5.456E 01	-1.820E-01
9.600		SE-	22.78	9	-2.588E-03		6.9428 02	5.448E 01	-7.009E-02
9.70		1.063E 00	22.55	1.788E 00	•	4. 823E 02		_	1.7395-01
2.800			23.16	0	-2.7085-03		7. CSSE C2	5.455E 01	-8.254E-02
9.90	147.2	-511E-	23-33	1.790E 00	-8.912E-03	4C7E	12E	5.4576 01	-2.716E-01
10.00		4	23.47	D (-1-654E-03	. 847E		1476	1205
10.100		1.045E 00	23.64	1.787E 00	6.552E-03	-740E	7.2CTE 02	5.4466 01	1.957
10.20			23.88	1. 791E GO	2.3716-03		278E	5.458E 01	7.228F-02
10.30	146.1	25	54.05	190E 0	-6.525E-03		33 CE	5.455E QL	-2.111E-01
10.40		SE-	12.42	1.788E 00	-7.111E-03		338		-2.167E-01
10.50		W 1	82.42	1. 786E .C	2.469E-03		430E	5.446 01	7.5256-02
10-60		5E-	54.59			-171E	7.454E 02		1.357E
10.01		2		1. 1896 60	:	27.60		10 3666.C	:
2000		1 2	60.67	20 27.07		3000	7, 2525 05	•	
	7.1.7	100000	25.30	1000 000		4 3336 03	7 704.5 02	70 3737 3	1000
		10-3000	25.00	2000	•				10.16.
300	24.0	10-3067-9	25.49	> 0	:.	200	,,	27.5	
07 -11	2000	10-366-01	10.67	9		37.16	1000	T 3	3
11.30		1.004E 00	62.63	9	0.00		7. E60E 02	20 3844.6	1.721
11.40		-	26.01		•	4.164E 02		5.457E 01	-1.8196-01
11,50		6.342E-01	26.19		.247		9	5.452E 01	7
11.600		8-9436-01	26.34		•		.025E 0	_	-0.3396-02
11.70		1.002E 00	26.51			4.546E 02	8.C75E 02		1.6195-01
11.800		0	26.74	1.791E 00		0 306	8.152E 02	5.459E 01	4.182F-02
11.90	151.0	8-2795-01	26.92		-7.01cE-03	3.155E 02	8.2CEE 02	5.452E 01	-2.1396-01
13 00									
			X	OD TRAF		10010	A . 24 4E 02	10 3077 S	- 1. 11 AF-01

EXPERIMENTAL CATA

TIME	114	ANGLE	LENS TON	LENGIN		ALLEL.	IEN31CH	Length	A CENTERIA	WALER.
SEC	SEC	DEC	183	<u>.</u>	FT/SEC	F1/SEC/SEC	GRAP	ð	CM/SEC	CH/SEC/SEC
26.400	12	60.6	5.056E-01	27.44	.789E	3.062E-05	4.1CBE 02	8.365E 02	5.454E 01	9.332E-04
26.500	12	152.8	13CF	27.61	1.7896 00	1.038F-03	3.688E 02	8.416E 02	5.452E 01	3-164E-0
26.600	12	245.1		27.78	.788E	-1.658E-03				-5.175E-0
26.700	12	255.8	5	27.93	6.9	-3.3296-03	4.512E 02	8.514E 02		
26.800	12	61.1	"	28.15		-6.362E-03	4-232E 02			-1.939E-01
26.900	12	153.0	5	28.33	1.789E 00			177	5.453E 01	267E-
27.000	12	245.5	w	28.48		1.3366-04		.682E		4-072F-03
27.100	12	261.3	6	28.66		4.C5 EE-03	4.500E 02		15E	237F
27.266	13	61.1	F	28.89	Ö	-2.382E-03	160E	. ECEE		262F
27.300	13	152.1		29.64						-2.573E-0
27.400	13	245.0	-871E-	29.19				3	50E	169
27.500	13	260.2	8	29.36	1.786E 00	5.878E-03				1.792 E-01
27.600	13	61.5	9	29.89		2.602F-03	1 7			7.932F-02
27.700	13	153.6	-529E-	29.76			3.869E 02	.072E	5.458E 01	- J 969
27.800	13	246.3	8	29.93		-6-310F-03				-1.923E-01
27.900	13	257.5	-	30.08	1.786E 00	-2.160E-03				-6-583E-0
28.000	13	62.5	\$74	30.29		-1.110E-03		.234€		-3.385E-02
28.100	13	155.7	5	30.46		-5.344E-04	3716			-1-629E-0
28.200	1	248.4	5	30.60	1.787E CO	584			5.447E 01	4-827F-02
28.300	=	251.3	5.	30.76		594			5.444E 01	
28.400	*	65.1	9.148E-01	30.59		.828	4.1496 02	-	34E	-1.776E-01
28.500	=	157.2	8.587E-01	31.17						100 TFT
28.600	-	249.6		21.33	1.787E 00	-1.372E-03			w	-4.102E-02
28.700	*	247.6	-	21.49						2.601F-0
28.800	14.600	65.3	9.014F-01	31.74		-8.767E-04	4. C89E 02	9.475E 02	5.455E 01	-2.672E-02
28.900	=	157.6		16.16		31			5 2E	-2.173F-01
29.000	-	546.5	.045	32.05	1.787E 00				77	-1.694F-01
25.166	-	248.5		32.21	9	1.44 2E-03		ш	146	4-3%E-02
59.200	15	65.3	6.	32.46					36E	3.139F-0
59.300	15	157.3		32.63	1.7896 00				53E	-3.962E-02
25.400	15	245.5	6	32.80		-			98	-9419
59.500	15	248.1	-	35.55					136	-6.566E-02
29.600	15	65.5	-9650·	33.18		-4.925E-03		6	5.454E 01	502E-
29. 700	15	156.5	- 786E-	23.33	3	360			5	1945
29.800	15	251.2	•	33.49	0	377		_	5.444E 01	353F
25.900	15	242.2	-860E-	33.64	0	207				1.587E-01
30.000	15	2.39	-	33.89	1.789E 00	810		1.033E 03	5.452E 01	530E-
30.100	15	161.0	8.8336-01	34.06		-7.331E-03			121E	234F
30.200	2	253.2	~	34.21	0	245				~
30.300	91	235.1	5.552E-01	24.37	1.786E 00			1.0466 03	5.444E 01	7.160F-02
30.400	16	20.07	٥	34.61	1.789E 00	. 809	4.104E 02	_	5.454E 01	-5.514E-0
36.50	16	162.2	- 140E-	24.76		132		1. CECE C3	5.454E 01	-1.046F-01
30.600	91	254.4	-	15.45		946	-	1.064€ 03	5.448E 01	-1.508F-01
30.700	16	237.3		35.08		-004		1.065E 03	5.443E 01	6-108E-0
30.800	16	70.5	9.124E-01	35.33	1.790E 00	106	4.139E 02	1.077E 03	5.455E 01	-5.200E-0

EXPERIMENTAL CATA

80	NO.	0801.	TENS ION	LENGTH	LENGTH VELOCITY	ACCEL.	TENSICA	LENGTE	VELOCITY	ACCEL.
SEC	SEC	ANGLE	185	FT	FT/SEC	F1/SEC/SEC	68.84	5	CH/SEC	CM/SEC/SEC
900	16.800	253.5	8-891E-01	35.65	1.7875 00	1.4475-03	4.033E G2	1.CETE C2	5.447E 01	4-411E-02
100	16.500	236.5		35.80	1. 786E 00	2.2715-03	3		5.444E 01	6.922E-02
200	17.000	70.0	m.	36.03	368L	-4.8CSE-03	4.144E 02		5.453E 01	
300	17.100	162.0	8.6645-01	36.18		-6.732E-03	4.030E GZ	1.103E C3	5.450E 01	-2.052E-01
004	17.200	254.2	395€·	26.33	1.786E CO	5.984E-04	361		-	1.824E-02
200	17.300	233.9	- 3 C	36.48		2.044E-03	4.425E 02		5.443E 01	6-235E-02
909	17.400	11.2	-9850.	36.73		-1.6706-03		1.120E C2		-5.090E-02
100	17.500	164.0	4	36.50	1.788E 00		4.069E 02		5.451E 01	-1.404F-01
308	17.600	256.0	-150E-	37.05		-6.605E-03	4.150E 02	35E	5.445E 01	9
006	17.700	226.4	-8C /E-	27.21		1.7565-03	4.449E 02	1.1346 (3	5.443E 01	5.353E-02
000	17.800	73.6	8.994E-01	37.45					5.4536 01	•
001	17.900	165.5	8.829F-01	37.61		8-654E-04	4.005E 02	1.146E 02	5.451E 01	2.638E-02
200	18.000	258.2	5.C10E-01	37.76	1.787E CC	7.821E-04	4.114E 02	1.1516 03	5.446E 01	2.384E-02
300	18.100	550.5	5.874E-01	37.54	1.786E 00	-3.656E-03			5.443E 01	
400	18.200	15.1	5.107E-01	38.20		-5.408E-03		1.164E 03	5.453E 01	-1.648E-01
200	18,300	167.0	F	38.35	1.787E 00	-2.363E-03	_		5.447E 01.	7
009	18.400	258.4	8.562E-01	38.50	300	3.735E-03		1.173E 03	5.445E 01	1.1386-0
100	18.500	221.5	4	38.67		5.5146-03		1.179€ 03		1.6611-0
800	18.600	14.8	9.081E-01	38.89	-	-5.82CE-03	1196	1.1856 03	5.4556 01	-1.774E-0
006	18.700	166.2		39.05	1.788E 00	-5.770E-03		1-150E 03	5.450E 01	-1.7596-01
000	18.800	258.1	Ę-	39.19	200	-4.44 5E-03		1.1948 03	5.4446 01	-1.3556-01
100	18.900	220.8	9.802E-01	39.28		1.5706-03			19E4	4.785E-02
200	19.000	19.5	Ļ,	39.41	1.789 6 00	4.091E-03		1. ¿C1E 02		1.2476-01
300	19.100	107.0	8.906E-01	39.57	17556	-1.884E-03	3000		5.451E 01	-5.7435-02
	19.200	62802	1	39.64	1805	-4-35 dE-U3				0-1100-1-
200	19.300	7.317	L .	29.65	1.785E 00	η.		10.1166 03	10 3666	10-16/1-1-
200	004-61		10-3470.6	40.13		20017	4.0935 02		304236 01	20-1190-6-
300	2000	6.001		90.30	1.788E 00	1000000		10 200 P	204436 01	١
200	19.700	2107	0 9475-01	40.43	2011	2.3246-03	4.4676 02	1 2286 03	10 3944 9	7 0035-02
200	15-800	78.4	J L	40.88	1 7906 00	-5.7476-03		1.2446 63	4.454E 01	
001	19.900	171.6	L	41.03		-5.413E-03	196	1.250F 03	5.449F 01	-1.650F-01
200	20.000	263.0		41.18	1.7866 00	1.784E-03		1.255E G3	5.4436 01	4
300	20-100	205.€		41.34	100	4 - 33 3E-03	3816	1.260E 03	5.443E 01	1.3216-01
004	20.200	1.61	w	41.57		4.075E-03		1.267E 03	5.457E 01	1.242F-01
206	20.300	171.6	8.8595-01	41.72		-4.8345-03		1.272E 03	5.451E 01	-1.474E-01
009	20.400	263.3	5.125E-01	41.86		-5.848E-03		1.274E 03	5.4426 01	-1.782E-01
100	20.500	207.8	-	42.02	1.784E 00	2.004E-04		1.2016 03	5.439E 01	-100E-
800	20.600	15.2	-3980·	42.27		-1.149E-03	31 E	1.288E 03	5.452E 01	-3.504 E-02
006	20.700	170.6	E	45.45	1.788E 00	1.0136-03	979	_	5.448E 01	
200	20.800	263.0	-049E	42.57		-9.880E-04	. 105E	0	5.444E 01	-3.012E-02
001	20.500	206.6	-3618	42.74		-2.227F-04		1.302E 03	5.444E 01	-6.787E-01
200	21.000	3.61	.0 4 OE	45.58	1.790E 00		1001.	1.310E 03	5.456E 01	-
35, 300	21-100	171.5	8.996E-01	43.15		-5.711E-03	BOE	1. 315E 03	5.449E 01	-
004	21.200	264.7	83.	43.29	1-786E 00	2.494E-03	4-119£ 02	1.32CF C2	5.444F 01	7.601F-0
			-			,				

EXPERIMENTAL CATA

				ENGLI	SH UNITS			TETRIC	UNITS	
RC.OR TIME	AUN	DSCL.	TENS ION	LENGTH	ENGTH VELOCITY	ACCFL.	TENSICK	LENGTH	VELOCITY	ACCEL.
350	SEC	DEC	183	FT	F1/5EC	F1/SEC/SEC	CRAP	5	CM/SEC	CH/SEC/SEC
35.600	21.400	91.5	5.083E-01	43.73	1.790F CO	1.5346-03	305	1.333E C3	5.456E 01	4.674E-02
5	21.500	174.4	.04	43.69		-4.2286-03	104E		.451E	1.
'n.	21.600	266.5	80.	44.02	1.786F CC	-5.834E-03	22E	.342E	5.4436 01	-1.778E-01
'n.	21.100	193.5	.:	07.66		1.9546-03	1974	34.16	3745e	5.955E-02
ė.	21.800	33.6	05.	26.45		-1.726E-04	3686	100	-454E	-5.26CE-0
:	21.900	115.8		44.50		- 1.32 CE-04	. G 78E	358E	3644.	-2.231E-0
36.200	22.000	268.3	5.134E-01	44.72		5.3446-04	.143E	1.362E 03	.443E	1.629E-0
	22.100	190.5	. 8	88.44		-3.54 JE-03	. 471E	368E		-1.080E-0
:	22.200	9.4.6	0.036	45.13		-3.718E-03	-055E	31 EE	.453E	-1.1336-01
36.500	22.300	176.5	8.562E-01	45.29	1.787E 00	-3.468E-03	3590.	381E	.447E	-1.057E-01
•	22.400	268.3	9.059E-01	45.44		3.475E-03	3531 ·	36 SE	.443€	1.060E-01
	22.500	194.1	5.814E-01	45.61		5.413E-03	452E			1.6506-0
•	22.600	84.1	9.1136-01	45.88		-4.723E-03	.133F	388E	3454°	-1.44CE-0
;	22.700	176.2	9.057E-01	46.62	1.788E 00	-5.385E-03	.16 BE	1.403E 03	10 3644°S	-1.64 1E-01
÷	22.800	265.4	8.555-01	46.16		-5.463E-03	3290°	4C7E	3744.	-1.665E-0
	22.900	191.3	5.575E-01	46.34		3.14 EE-03	.343€	413E	.441E	9.554E-0
	23.000	85.1	8.860E-01	19.94		3.0255-03	3610	1.42 IE 03		9.221E-02
-	23.100	177.5	8.5935-01	46.76		-1.0836-03	3610			-3.300E-
-	23.200	270.4	9.1306-01	15.95	1.786E CO	1.675E-03	141E	130E		5.107E-0
-	23.300	185.4	9.792E-01	47.09		-2.561E-03	.442E	3	77	-7.805E-0
-	23.400	87.7	9.010E-01	47.32	1.788E CO	-2.188E-03				-6.66BE-0
	23.500	180.3	8 -991E-01	47.46		9.157E-04	. 078E	147E	-447E	2.791E-0
	23.600	272.2	5.063E-01	47.60		3.440E-03		31E	.442E	1.049E-0
	23.700	177.6	9.8045-01	47.76		2.477E-03	147E	196F		7.550E-C
	23.800	89.4	9.113E-01	48.02		-6.902E-03	. 134E		-451E	-2.104E-0
	23.900	181.7	E I	48.16	1.787E 00	-8.828E-03	105E	16EE		-2.691E-01
	24.000	213.5	u l	48.31		-1.781E-04	369	172E		-5.429F-0
. ·	24.100	177.2	9.538E-01	48.48	1.785E 00	3.05 EE-03	-326E	1.47EE C3	-440E	9.442E-02
	24.200	5.58	10-3616-9	48. 12		2.4746-03	-044E	SHEE		7.562E-02
å e	24.300	181.	9.088E-01	48.63		-3.894E-03	- 122E	3056	3744	-1.1876-01
	004-47	3777	9-1555-01	70-64	1.7855 00	-2.844E-03	-15 ZE	1.4546 03	5.441E 01	-8.670E-02
	24.500	1,001	30.000.00	43.14	03 2087 .1		4185	377		7.405E-
	24.600	1.68	8-5875-01	49.45	00 3887 1	-2.55 BE-03	186	56.7E	_	-9.136F-
• •	24.100	111	10-3660-6	70 65	700 1	201216-02	3850	146	2	-1. 4426-03
99.000	24.800	21.30	10-36-01	20.00	1. 787E GO	3.2345-03	1305	3010	3.441E 01	9.857
:	005.67	11403	3-1195-01	26.66	1. 180E UU	1.23EE-U4	365			7.200
	25.000	4.16	5.031E-01	20.17	1.789E 00	-4.222E-03	3966	125E	5.45 E 01	-1.287E-01
39.300	25.100			20.31	1. 786E CO	-6.356E-03	1056	234E		-1.9498-0
ů,	25.200	275.8	9.028E-01	20.46	1.785E 00	2.502E-03	. 09 SE	3 SE	_	7.626E-0
•	25.300	106.1	5.76.1E-01	50.61	1. 785E CO	2.035E-03	4 28 E			6.201E-02
39.600	25.400	93.8	9 .237E-01	50.89	1.788E 0C	6.401E-04	. 150E	551E	-	1.951E-0
,	25.500	185.5	E-	51.03	1.787E 00		3		5.447E 01	-9.764E-02
6	25.600	278.6	9.136E-01	21.12		-4.147E-03	446	360E		
	25.700	160.5	5.591E-01	51.37	1.785E CO	60.9	4.350E C2	26	.441E	-
40.000	25.800	4.35	8.907F-01	51.63		-1.7265-03	4.340F 02	1. 674F 07	S. 451E 01	-5.24CF-02
				r						10000

EXPERIMENTAL CATA

NIZ		:		200000		TEACTOR	I ENCTE	VEINCITY	ACCEL
116	44616	LASIN	LENGTH	AE COC I II	ALLEL.	.c.sicu	Length		-
SFC	066	185	FT	FT/SEC	F1/SEC/SEC	4749	å	CM/SEC	CN/SEC/SEC
1.20¢ 24.600	276	9.051-01	51.90	1.785 00	2.643E-03	4.1C5E C2	1.582E 03	5.441E 01	1.1105-01
	160	5.7325-01	52. CB	1.786E CC	-7.682E-04	4.414E 02	1.5876 03	5.443E 01	-2.34 IE-02
	95	10-2150.6	52.36	1.789E CC	-3.24EF-03		1.556E 03	.452€	-9.900E-02
	186	.086	52.51	1.786E 00	2		1. ECIE 03		-8.534E-02
		9.026E-01	\$2.64	1.784€ 60	-2.419E-02	4.0948 02		10 366 9.5	-7.374E-01
	191	.179E	52.83		-2.578E-01		0		-9.076E 00
	36	.485	53.11		-6.864E-01		1.619E 02		-2.092E 01
	187	.763	53.22	1.639F 00	-8.936E-01		1.622E 03		-2.724E 01
	275	9.754E-01	53.34		-9.63.E-01		1.626E 03		-2.937E 01
	155	121.	53.50	1.385E CG	-1.816E 00				-5.534E 01
	9.7	1.271E 00	53.69	8.757E-C1	~2.136E 00		1.63EE 03		-6.510E 01
	190	.297	53.71	3.177 6-01	-2.137E 00	5.882E C2		9.6646 00	-6.515E 01
	284	1.CS BE OC	€3.6€	1.345E-02	1.934€			4.0996-01	-5.896E 01
	141	-173F-	53.61	-1.727E-62		ш		-2.355E 00	-9.820E 00
	100	-38 8E -	53.69	-6.678E-02	2.7395-01		1.637E C2	-2.035E 00	8.347E 00
	192	7.8C7E-01	£3.68	-3.535E-02	2.850E-01	.541E	-		8.809E 00
	285	.242	53.66	-1.502E-02	1.45 EE-01		03	-4.5776-01	4.5598 00
	143	.141	53.65	-5.916 E-03	3.9076-02	5.177E 02	03	-1.803E-01	1.191E 00
	101	1.158E 00	53.66	-5.144E-03	-		6 03	-1 -568E-01	-4.188E-01
	192	105	53.62	-7.172E-03	-2.322E-02	5.013E 02	03	-2.186E-01	-7.077E-01
	285	. 554	53.57	-8.488E-03	-1.62 1E-02		16 03	-2.5£7E-01	-4.941E-01
	143	.030	53.60	-9.457E-03	-5.471E-03		16 03	-2.883E-01	-2.887E-01
		.322	53.67	-1.007 8-02	-5.077E-03		E 03	-3.070E-01	-1.547E-01
0.0	193	131	53.61	-1.000E-02	-3.098E-03		03	-3.049E-01	-9.442E-02
	285	1.013E 00	53.57	-1.075E-02	-3.237E-03			-3.277E-01	-9.866 F-02
0.0	141	.134	53.57	-1.051E-02	-3.766E-03		3E 03	-3.2C4E-01	-1.140F-01
0.0	101		53.64	-1.039E-02	-4.43 9E-03		5E 03	-3.167E-01	-1.353F-01
0.0		.\$65	53.60	-1.009 E-02	-4-158E-03		4E 03	-3.075E-01	-1.267E-01
0.0	287	5.C67E-01	53.56	-9.287E-03	-3.958E-03	4.1136 02	E 03	-2.831E-01	-1.206E-01
	136	.291	53.59	-5.648E-03	-3.181E-03		3	-2.941E-01	-9.696E-02
		9.130F-01	23.67	-1.004 E-02	-4.094E-03		03	-3.062E-01	-1.248E-01
	15.1	. 364	53.62	-9.536E-03	-4.178E-03		63	-2.906E-01	-1.273E-01
	290	1.037E 00	53.57	-9.637E-03			03	-2.937E-01	-1.124F-01
	125		53.60	-1.039 E-02			F C3	-3.167E-01	-1.157E-01
	106	-37£2.	53.67	-1.040E-02	-3.126E-03		SE 03	-3.171E-01	-9.527E-02
0.0 002.	158	.405	53.64	-9.698E-03	-3.12 (F-03		5E 03	-2.956E-01	-9.527E-02
	291.	.051	53.58	-1.002E-02	-2.641E-03		3E 03	-3.054E-01	-8.051F-02
	125.	9.732E-01	53.61	-5.588E-03	-2.691E-03		03	-2.922E-01	-8.203E-02
	106.7	.737	53.66	-1.023E-02	-3.1316-03	4.417E 02	1.636E 03	-3.117E-01	-9.544E-02
	195.	.017E	53.61	-1.063E-02	-3.437E-03	514E	1.634E 03	-3.241E-01	-1.048F-01
	291.	1.0175 00	53.58	-1.057E-C2	-3.802E-03		1.6338 03	-3.2236-01	-1.159E-01
0.0	125.	. 038E	53.57	-1.129 E-02	-3.020E-03			-3.443E-01	-9.204E-02
	106.	-\$11E-	53.64	-1.106E-02	-3.5516-03	4.3146 02	35	-3.371E-01	-1.082E-01
	199.	9.3435-01	53.61	-	4	4.238E C2	w	-3.138E-01	-1.228F-01
	291.	-367F-	53.56	-	. 00	-	3 2 0		1 1846-01
		,							

EXPERIMENTAL CATA

SS		CM/SEC CM/SEC/SEC	-3.140E-01 -8.670E-02	•	47E-01 -1.064E-01	-2.553E-01 -8.967E-02	169E-01 -7.557E-02			-3.209E-01 -6.854E-02			38E-01 -1.023E-01	2 1765 A1 -0 6045 A3
METRIC UNITS		\$	1.635E 03 -3.1	63	03	03	63	1.635E 03 :2.8	63	63	03	63	1.633f 03 -3.1	03
TEACITA		ERAM	4.522E 02 1	0.5	4.459E 02 1	05	05		02	05	02	0.5	4.3528 02 1	4.454F 07
ACCEL		FT/SEC/SEC	-2.844E-03	-3.304E-03	-3.490E-03	-2.542E-03	-2.6116-03	-1.817E-03	-2.577E-03	-2.249E-03	-3.504E-03	-3.165E-03	-3.357E-03	-2 146F-03
ENGLISH UNITS		FT/SEC	-1.030E-02	-1.048E-02	-1.033E-02	-5.689E-03	-1.007E-02	-5.246E-03	-9.955 E-03	-1.053E-02	-1.028E-02	-1.075 E-02	-1.030E-02	-1 0426-03
- ENGL		FT			53.56									
TENCTON		LBS	9.5 70E-01	1. CC6E 00	9.831E-C1	1.001E 00	5.420E-01	9.4965-01	9.6346-01	1.025E 00	9.9446-01	5.E41E-01	5.556E-01	C. RROE-01
1000	ANGLE	DEG	108.1	201.3	294.1	116.8	111.0	203.6	296.3	110.1	112.8	205.3	297.4	106.2
210	1176	SFC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.00	TI ME	SEC	44.300	44.900	45.000	45.100	45.200	45.300	45.400	45.500	45.600	45.700	45.800	45.900 V

EXPERIMENTAL DATA

בער בעורבאותר טאוא

16 R S 46 60 00 4. 64 0 E = 01	ACCEL.	CM/SEC/SEC	4.218E-01	-1.398E-01	10-10-10-10-10-10-10-10-10-10-10-10-10-1	-1.126E-01	-1.299E-01	-9.832E-02	-8-969E-02	-9.141E-02	-5.576E-02	-9.771E-02	-1.2786-01	-1.136E-01	-1.154E-01	-1.1376-01	-7.12 1E-02	-9-651E-02	-8.684E-02	-8-692F-02	-0.488E-02	-8-157E-02	-8.002E-02	-7.795E-02	-1.0176-01	-1.022E-01	10-19-00-1-	-1.22 1E-01	
CAIA PARAFETERS NEC = 600 NEC = 600 NEC = 600 KA = 4.66 KA + 66 KA + 6	VELOCITY	CP/SEC	1.8276-01	-3.802E-01	-3.693E-01	-3.6C3E-01	-3.5498-01	-3.331E-01	-3.407 F-01	-3.6 10E-01	-3.4236-01	-3.4936-01	-3.640E-01	-3.4706-01	-3.551E-01	-3.488E-01	-3.393E-01	-3.3396-01	-3.45E-01	-3.446E-01	-3-35 SE-01		-3.422E-01	-3.2436-01	-3.222E-01	-3.4146-01	-3-4746-01	-3.279F-01	-3.3416-01
CVNAMIC 0.10 2.50	LENGTH	8			1.7516 03		4.7E		1.75GF 03				1.7476 03	ш	48E	1.7456 03		18E		1.747E 03				416			1.7446 03	166	
0.1.3 -0.5530	TENSICA	GRAP	4.356E C2	0	4.522E 02	4.540E 02			4.592E 02				4.532F 02			4.521E 02					4.545F 02							4.554F 02	
ARPLITUDE: INCH	ACCEL.	FIVSEC/SEC	1.384E-02	-4.585E-03	-4.557F-03	-3.6938-03	-4.262E-03	-3.226E-03	-2.82E-03	-2.999E-03	-1.825E-03	-3.204E-03	-4-191E-03	-3.727E-03	-3.7866-03	-3.73CE-03	-2.336E-03	-3.16 (E-03	-2.849E-03	-2.852E-03	-3-1786-03	-2.676E-03	-2.625E-03	-2.557E-03		-2.353E-03	-3.5036-03	-4.004E-03	-3.407E-03
REEL-IN 1.00 2.00 0.0 46.00 55.00 10.20	ISP UNITS	FT/SEC	5.595E-03	-1.247E-02	-1-192F-02	-1.182E-02	-1.164E-02	-1.093E-02	-1.094E-02	-1.184E-02	-1-123E-02	-1.146E-02	-1.194E-02	-1.1386-02	-1.165E-02	-1.144E-02	-1.1136-02	-1.095E-02	-1.147E-02	-1.131E-02	-1.0756-02	-1.C61E-02	-1.1236-02	-1. C64E-02	-1.057E-02	-1.120 E-02	-1.1075-02	-1.092E-02	-1.096F-02
2 2 5 5	ENGLISP	ŧ	56.83	57.40	57.43	57.44	57.33	57.28	57.41	57.36	57.30	57.36	57.33	57.26	57.33	57.37	57.28	57.35	57.37	57.33	57.37	57.39	57.35	57.30	57.39	57.38	57.27	57.34	57.36
CABLE PATERIAL CIRECTICN ACCELERATION FO VELOCITY FOS FICELERATION FOS ALL TIME, SEC INITIAL LENGTH, FINAL LENGTH,	TENSION	res		002E	12-37/6-01	1. COLE 00	9.9 AOE-01	-946E-	9.9875-01	-3135.	545E-	1.014E 00	9.9516-01	9.544E-01	1.C10E 00	5.990F-01		-900€		9.584E-01		-988E-	-3772-	.933E-	.004E 0	1.000E 00	- 547E-	-004E	9.990F-01
	0.000	DEG	134.5	216.6	303.6	124.1	216.6	305.3	124.1	216.5	308.5	72.6	217.5	310.5	66.5	216.6	312.5	61.5	125.0	22106	25.6	129.1	221.8	313.6	57.9	159.1	314.2	56.1	130.2
F 8 2525	2	SFC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	•		0.0	0.0	0.0		0.0	0.0	0.0		0.0	0.0	0.0	9,0	9.0		0.0	0.0
	RCOR	SEC	0.0	0.100	0.300	0010	0.500	0.600	0.800	006-3	000.1	1.100	1.300	1.400	1.500	200	1.800	1.900	2.000	2.100	2.306	2.400	2.500	2.600	2.700	2.800	3.000	3.100	3.200

EXPERIMENTAL CATA

RCOR	A LA	OSCL.	TENSICA	LENGTH	VELOCITY	ACCEL.	TENSICK	LENGTH	VELCCITY	ACCEL.
Sec	SEC	066	1.85	t	FT/SEC	F1/SEC/SEC	GRAP	ŧ	CP/SEC	CH/SEC/SEC
3.400	0.0	316.2	40	57.30	-1.1146-02	-2.433E-03	360		-3-355E-01	-7.415E-02
3.500	0.0	20.0	87E-	57.38	-1.124E-02	-3.554E-03	.530E		456	
3.666	0.0	133.0		14.15		-3.330E-03	376		-3.505E-01	-1.015E-01
3.700	0.0	225.6	9.5645-01	57.33		-3.517E-03	362	17	-3.346E-01	.072F
3. 800	0.0	318.1	928E-	51.29		~		1468	235E-	3.261
3.900	0.0	44.	4.	57.38		-2.744E-03	3186	4 SE	-3.365E-01	.364
4.000	0.0	134.5	5.553E-01	57.40	-1. C52E-02	-2.424E-03		150E	-3.206E-01	-7.389E-02
4.100	9.0	227.6	1	51.35	-1.123E-02	-3.025E-03			154	-9.219E-02
4.200	0.0	316.6	15E-	57.30	-1.074E-02	-2.067E-03			-3.272E-01	-6.301E-02
4.300	0.0	45.6	\$ 2E-	57.36		-2.575E-03			388	-9.081E-0
*****	0.0	134.7	1	57.38	-1.1576-62	-3.1246-03			-3.527E-01	-9.521E-02
4.500	0.0	226.3	- 38 B	57.33	-1.118E-02	-2.625E-03		476	.469	-8.002E-02
4.600	0.0	318.2		\$7.26	-1.C63E-02	-3.445E-03			.239	-1.051E-01
4.700	0.0	44.3	1	51.35	-1.114E-02	-3.832E-03			.394	-1.168E-0
4.800	0.0	134.6	1	57.31	-1.100E-02	-3.1446-03		354	-3.3546-01	-9.582F-0
4.900	0.0	227.1	8	57.32	-1.121E-02	-3.447E-03		41E	-3.417E-01	-1.0516-01
2.000	0.0	316.3	3	57.30	-1.063E-02	-2.501E-03		116	-3.24CE-01	-7.622E-0
2.100	0.0	43.6	9.940E-01	57.37	-1.038E-02	-2.829E-03	77	3641	-3.164E-01	-8.623E-0
5.200	0.0	136.6	8	57.40	-1.107E-02	-2.75CE-03	4.531E 02	35	-3.3736-01	-8.503E-02
2.300	0.0	229.1	6.570E-01	57.34	-1° C59E-05	-3.146E-03	True !	346E	-3.227E-01	-9.590E-0
2.400	0.0	307.5	9.982E-01		-5.898E-03	-2.576E-03		396	-3.017E-01	-9.072E-0
2000	0.0	46.6	9.954E-01		-1.024E-02	-3.214E-03	4.515E 02		-3.121E-01	ė,
2000		133.00	10-724-6			-1.790E-03		1001	-3.2016-01	ń
2. 700		20162	7.988E-01		-1.052E-02	-2. 73cE-03		145E	-3.208E-01	ě.
000		305	1.001E 00	57.50	-1.0401-02	-2.260E-03	4.59 1E 02	1. 7505 03	-3.17CE-01	-6. 118F-02
200		. 071	300	27 30	1 6705-02	2 3355			10-346-6-	
9000	200	222.1	6.582F-01	67.33	-1-107E-02	-3-3156-03	4.538E 02	u	-3.22.01	1.0135-0
6.200	0.0	301.7	03E	57.29		-3.631F-03		3466	-3.232E-01	7
6.300	0.0	47.6	9.955E-01	57.37	-1.067E-02	3.192		45E	-3.251E-01	
004.9	0.0	140.0	14E-	57.40	-1.072E-62	3.554	4.524E 02		-3.269E-01	
6.500	0.0	231.5	9.979E-01	57.35	-1.027E-02	-2.758E-03		48E	-3.130E-01	-8.528E-0
9.600	0.0	301.7	1.002E 00	57.31	-1.014E-02	-1.807E-03		1.147E 03	-3.089E-01	-5.507E-02
001.9	0.0	47.6	9.541E-01	57.40	-1.027E-02	-3.138E-03		30E	111	-9.564E-02
9.800	0.0	140.5	9.584E-01	57.38		-3.027E-03	4.529E 02	-	212	-9.228E-0
006-9	0.0	232.6	5.577E-01	57.34	-1.010E-02	3.141	922	48E	-3.077E-01	-9.5735-0
2.000	0.0	295.1	1.00 B	57.30	-9.523E-03	-2.005E-03	4.564E 02	146	025	-6.11 IE-02
2.100	0.0	1.54		57.39	-9.904E-03	-2.826E-03		14 SE	5	8.615
1.200	0.0	102.0	10-2425-6	04.76		-2.005E-03	-	SCE	7.5.7	-6.111F-02
7.300	0.0	235.3	9.968E-01	57.36	-1.005E-02	1.582		148E	3.064	
7.400	0.0	2020		26.32	-1.0216-02	:	4.57eE 02	5	-3.111E-01	5.473E
1.500	0.0	26.1	10-3755-5	27.40	-9.946E-03	?	77	30E	.032	7.035E
7.600	0.0	144.8	5	57.39	-	-	25E	14 SE	-3.2416-01	5.818E-
7.700	0.0	237.1	10-3115-5	57.34	-		5236	148E	3.160	. 24 IE-
1.800	0.0	282.5	5	57.29	-1.005E-02	-3.189E-03	97E	_	-3.064E-01	-9.720E-0

EXPERIMENTAL CATA

RCOR	NON I	OSCL	TENSICA	LENGTH	VELOCITY	ACCEL.	TENSICA	LENGTH	VELOCITY	ACCEL.
EC	SEC	CEE	185	Ε	FT/SEC	F1/SEC/SEC	GRAP	t	CP/SEC	CH/SEC/SEC
000	0.0	145.3	5.990F-01	57.38	-1.025E-02	-3.633E-03	4.531E 02	1.7456 03	-3.125E-01	-1.1076-01
8.100	0.0	237.8	9.971E-01	57.33	-1.038E-02	-3.635E-03	3		-3.164E-01	•
200	0.0	265.2	4	57.29	-9.722E-03	-2.1136-03		1.146E C3	-2.563E-01	7
300	0.0	53.3	1	57.40	-9.714E-03	-3-3196-03			-2.961E-01	
00.	0.0	145.2	L.	51.39	-5.787E-03	-1.784E-03		_	-2.583E-01	7
200	0.0	237.5	9.578E-01	57.34	-9.213E-03	-2.4536-03	4.526E 02		-2.eceE-01	•
200	0.0	285.5	1.011E 0C	57.30	-9.912E-03	-2.5236-03			-3.021E-01	-7.691F-02
002	0.0	53.0	9.935E-01	57.41	-9.340E-03	-3.2375-03	4.5C7E 02		-2.8476-01	-9.866E-02
900	0.0	146.4	9.571E-01	57.41	-9.680E-03	-2.430E-03		1.750E 03	-2.950E-01	-7.406E-02
000	0.0	235.4	9.972E-01	. 57.36	-5.830E-03	-2.472E-03		(350)	-2.956E-01	-7.536E-02
000	0.0	5.512	1.017E 00	57.31	-5.867E-03	-1.586E-03			-3.0C7E-01	-4.834E-02
001	0.0	55.1	5.5 1E-01	57.42	-1.003E-02	-2.761E-03			-3.058E-01	-8.416E-02
002	0.0	148.9	9.986E-01	57.38	-1.CS4E-C2	-2.620E-03	4.525E 02		-3.211F-01	-7.985E-02
300	0.0	241.5	5.568E-01	57.35	-1.040E-02	-2.764E-03			-3.171E-01	-8.425E-02
001	0.0	1.175		57.29	-1.008E-02	-2.920E-03	4.645E 02		-3.071E-01	-8.900E-02
500.	0.0	56.2	L	57.40	-1.019E-02	-3. £37E-03	4.518E 02	1.14SE 03	-3.167E-01	-1.170E-01
009	0.0	156.7	1.000E 00	57.39	-1.007E-02	-2.733E-03			-3.069E-01	- 6.33 CE-02
200	0.0	243.5	-	57.33	-9.906E-03	-3.407E-03			-3.019E-01	-1.038E-01
008	0.0	269.6	-	57.29	-1.014E-02	-2.0426-03	_		-3.05CE-01	-6.224E-02
006	0.0	58.1	9.557E-01	57.39	-9.875E-03	-3.132E-03	96		-3.010E-01	-9.547F-02
000	0.0	151.3	9.987E-01	£7.38	-1.000E-02	-2.240E-03	4.530E 02		-3.0496-01	•
001	0.0	243.5	-	57.34	-1.012E-02	-2.903E-03			-3.083E-01	3
002	0.0	268.5	u , (57.30	-9.459E-03	-2.141F-03			-2.8836-01	-6.526E-02
000	0.0	0.66	9.946E-01	57.41	-1.011E-02	-2.679E-03			-3.082E-01	-8.166F-02
200		121.	10-3615-01	25.40	-1.000 E-02	-2.31.15-03			-3.003E-01	-1.0011-02
2		3,6	10365	27 33	20-3006-6-	-2.3145-03			10-3610-6-	- 7.03¢F-0¢
200		2030	00 2070-0	57.41	20-100-0	-1.6635-03	4.6336 02	101616	10-3616-7-	-2. 1905-02
200		167.8	9.982E-01	67.38	11. CASE-C2	-2.648E-03			10-3516	
000		265.5	9-9716-01	57.33	-1.003E-02	-2-832F-03	4.573F 02	1. 7476 03	-3.0576-01	-8-6326-02
000	0.0	260.5	1.021E OC	57.29	-1.013E-02	-3.350E-03			-3.0895-01	-1.02 1E-01
001	0.0	62.4	-	57.37	-1.023E-02	-3.124E-03			-3.1186-01	-9.521E-02
500	0.0	155.6	-3	57.38	-9.932E-03	-3.0196-03			-3.027E-01	-9.202E-02
001	0.0	246.2	-3	57.33	-1.000E-02	-3.291E-03			-3.0498-01	-1.003F-01
009	0.0	252.4	u.	57.29	-9.771E-03	-1.767E-03			-2.578E-01	38
200	0.0	64.5	10-3696.5	57.41	-9.838E-03	-2.948E-03	_		-2.559E-01	-8.986E-02
009	0.0	157.3	-	57.39	-5.584E-C3	-2.600E-03		_	-2.921E-01	-7.924F-02
201	0.0	245.8	9.944E-01	57.34	-9.615E-03	-2.376E-03	30		-2.531E-01	
008	0.0	252.1	w	57.30	-9.187E-03	-1.807E-03	_		-2.800E-01	-5.507E-02
006	0.0	65.1	4	57.41	-9.158E-03	-2.348E-03	¥		-2.804 E-01	
000	0.0	157.6	-	57.40	-9.334 E-03	-1.331E-03			-2.845E-01	-4.057E-02
001	0.0	246.3	9.556E-01	57.36	-5.790E-03	-1.885E-03			-2.984E-01	-5.758F-02
500	0.0	252.6	1.035€ 00	57.32	-9.113E-03	-1.450E-03		1.747E 03	-2.778E-01	-4.5406-02
300	0.0	65.4	5.547E-01	57.43	-9.677E-03	-2.407E-03	4.512E 02	2	-2.950E-01	-7.337E-02
004	0.0	157.7	9.9875-01	57.39	-9.652F-03	-2.7276-03	4.530F 02	1.749F 03	-2-942F-01	-8.3135-02
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EXPERIMENTAL CATA

	THE	TIME	ANCIE				*****				
0.0	SEC	SEC	נננ	185	11	FT/SEC	F1/SEC/SEC	CRAP	t	CP/SEC	CM/SEC/SEC
0.0	009.	0.0	246.2	.035E		142	-2-124E-03	4.7116 02	1.7468 02	-2.565E-01	-6.474E-02
0.0	. 700	0.0	9.99	-954E-	-	-9.929E-03	-3.466E-03	4.515E 02	-		-1.0576-01
0.0	. 866	0.0	155.5	4155°	57.37	-5.422E-03	-2.849E-03	4.532E 02	1. 145E 03	. 872	-8.684E-02
0.0	006.	0.0	25252	5.565E-01	57.33	-9.541E-03	-2.824E-03		1.7476 03	-2.908E-01	-8.606E-0
0.0 65.6 5.950ë-01 57.41 0.0 254.1 9.956E-01 57.37 0.0 233.4 1.046E 00 57.33 0.0 233.4 1.046E 00 57.33 0.0 233.4 1.046E 00 57.33 0.0 235.4 9.956E-01 57.40 0.0 235.4 9.956E-01 57.43 0.0 235.4 9.956E-01 57.43 0.0 235.4 9.956E-01 57.43 0.0 255.4 9.956E-01 57.34 0.0 225.6 9.956E-01 57.34 0.0 255.4 1.062E 00 57.34 0.0 256.4 1.062E 00 55.37 0.0 260.4 1.001E 00 56.37 0.0 260.4 1.001E 00 56.37 0.0 260.4 1.005E 00 56.37 0.0 260.4 1.005E 00 55.46 0.0 260.7 1.005E 00	2000	0.0	237.7	1.0445 00	57.32	-9.581E-03	-2.38 7E-03		1.7476 03	.920	-7.277E-0
0.0 254.1 5.566-01 57.31 0.0 254.1 5.556-01 57.33 0.0 233.4 1.0466 00 57.32 0.0 233.3 1.0466 00 57.32 0.0 233.3 1.0466 00 57.32 0.0 233.3 1.0466 00 57.32 0.0 255.4 5.566-01 57.33 0.0 255.4 9.958-01 57.34 0.0 235.2 1.0626 00 57.34 0.0 255.4 9.958-01 57.34 0.0 255.4 1.068 00 57.34 0.0 260.4 1.028 00 57.37 1.00 165.7 1.088 00 57.37 1.00 260.4 1.088 00 55.37 1.00 263.4 1.058 00 56.37 1.00 263.4 1.058 00 56.37 1.00 263.4 1.058 00 56.37 1.00 263.4 1.058 00 55.36 2.20 265.5 1.066 00 55.36 2.20 265.5 1.066 00 55.37 2.20 265.5 1.066 00 55.37 2.20 265.5 1.066 00 55.37 2.20 265.5 1.066 00 55.46 2.20 265.7 1.066 00 55.46 2.20 265.7 1.066 00 55.46 2.20 265.5 1.065 00 55.46 2.20 265.7 1.065 00 55.46	.100	0.0	9.59	5.950E-01	14.75	-9.669E-03	-2.832E-03		£ (3	-2.547E-01	7
0.0 254.1 9.551E-01 57.33 0.0 0.0 233.4 1.046E 00 57.32 0.0 0.0 163.6 9.984E-01 57.43 0.0 0.0 255.4 9.984E-01 57.43 0.0 0.0 255.4 9.984E-01 57.43 0.0 0.0 255.4 9.984E-01 57.25 0.0 0.0 255.4 9.984E-01 57.35 0.0 0.0 255.4 9.984E-01 57.35 0.0 0.0 255.4 9.953E-01 57.35 0.0 0.0 255.4 9.953E-01 57.34 0.0 0.0 255.4 9.953E-01 57.34 0.0 0.0 255.4 9.953E-01 57.34 0.0 0.0 255.4 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	.200	0.0	162.1	5.5EEE-01	57.37	-9.020E-03	-1.86 EE-03		03	-2.749E-01	•
0.0	.300	0.0	254.1	5.551E-01	57.33	-9.564E-03	-2.671E-03		03	-2.515E-01	7
0.0 71.4 9.956E-01 57.43 0.0 255.4 9.98E-01 57.49 0.0 255.4 9.98E-01 57.43 0.0 255.4 9.99E-01 57.43 0.0 255.4 9.95E-01 57.43 0.0 255.4 9.95E-01 57.43 0.10 71.6 1.062E 00 57.44 0.20 164.6 1.062E 00 57.46 0.20 164.6 1.068E 00 57.45 0.400 255.1 1.081E 00 57.45 0.400 255.1 1.081E 00 57.25 0.400 256.4 1.081E 00 57.27 0.400 266.4 1.08E 00 57.27 0.400 166.5 9.983E-01 57.22 0.400 266.4 1.08E 00 57.27 1.000 166.5 1.08E 00 57.27 1.000 166.5 1.08E 00 57.27 1.000 263.4 1.08E 00 56.77 1.400 170.1 1.118E 00 56.77 1.500 263.4 1.18E 00 56.77 1.600 263.4 1.18E 00 56.77 1.600 263.4 1.18E 00 56.77 1.600 263.4 1.18E 00 56.77 1.600 263.5 1.105E 00 55.26 2.200 211.4 1.18E 00 55.46 2.200 265.5 1.066E 00 55.46 2.200 265.5 1.066E 00 55.46 2.200 265.5 1.066E 00 55.46 2.200 265.5 1.065E 00 55.46 2.200 265.6 1.065E	.400	0.0	233.4	1.046E 00	57.32	-9.323E-03	-2.096E-03	4.7436 02	03	-2.842E-01	-6.
0.0 163.¢ 9.984E-01 57.40 0.0 233.3 1.006E-01 57.35 0.0 71.\$ 9.96E-01 57.35 0.0 71.\$ 9.96E-01 57.35 0.0 162.\$ 1.004E-00 57.34 0.0 235.\$ 9.95E-01 57.34 0.0 235.\$ 1.004E-00 57.34 0.00 71.\$ 1.004E-00 57.34 0.00 164.\$ 1.008E-00 57.45 0.000 257.\$ 1.004E-00 57.35 0.000 257.\$ 1.004E-00 57.35 0.000 260.\$ 1.004E-00 57.35 0.000 260.\$ 1.004E-00 57.37 0.000 165.\$ 1.004E-00 57.37 0.000 165.\$ 1.004E-00 57.37 0.000 165.\$ 1.004E-00 57.37 0.000 260.\$ 1.006E-00 57.37 0.000 263.\$ 1.006E-00 57.37 0.000 263.\$ 1.006E-00 56.37 0.000 265.\$ 1.006E-00 56.37 0.000 266.\$ 1.006E-00 56	.500	0.0	71.4	9.956E-01	57.43	-9.153E-C3	-2.855E-03		03	-2.790E-01	7
0.0 235.4 \$.960E-01 57.35 0.0 71.5 \$.960E-01 57.32 0.0 71.5 \$.950E-01 57.34 0.0 255.4 \$.950E-01 57.34 0.0 255.4 \$.953E-01 57.34 0.0 255.4 \$.953E-01 57.34 0.300 257.1 1.061E 00 57.35 0.400 225.E 1.061E 00 57.35 0.400 225.E 1.091E 00 57.35 0.400 260.4 1.022E 00 57.29 0.400 260.4 1.022E 00 57.29 0.400 165.7 1.061E 00 57.37 0.400 165.7 1.061E 00 57.37 1.100 262.E 1.066E 00 56.72 1.400 170.1 1.05E 00 56.72 1.400 170.1 1.05E 00 56.72 1.400 263.4 1.102E 00 55.24 1.500 263.4 1.105E 00 55.46 2.200 265.5 1.065E 00 55.30	399.	0.0	103.6	9.9845-01	57.40	-9.261E-03	-1.552E-03	528E	1.75CE C3	-2.823E-01	1
0.0 233.3 1.046E 00 57.22 0.0 162.2 9.95BE-01 57.38 0.0 255.4 9.95BE-01 57.38 0.10 71.E 1.062E 00 57.30 0.10 71.E 1.062E 00 57.30 0.20 164.E 1.09BE 00 57.45 0.400 225.E 1.091E 00 57.35 0.400 225.E 1.091E 00 57.35 0.400 260.4 1.02E 00 57.37 0.400 260.4 1.02E 00 57.37 0.400 216.3 1.126E 00 57.37 1.000 260.4 1.02E 00 57.37 1.000 260.4 1.02E 00 57.37 1.000 262.E 1.06BE 00 57.37 1.000 262.E 1.06BE 00 57.37 1.000 216.7 1.13E 00 56.37 1.400 170.1 1.05E 00 56.37 1.400 170.5 1.105E 00 56.37 1.500 263.4 1.105E 00 55.36 2.200 170.5 1.105E 00 55.46 2.200 265.5 1.062E 00 55.46 2.200 265.5 1.065E 00 55.46 2.200 265.6 1.065E 00 55.46 2.20	.700	0.0	255.4	5.960E-01	57.35	-9.425E-03	-492E-		03	-2.673E-01	*
0.0 71.5 5.550E-01 57.43 0.0 255.4 9.950E-01 57.38 0.0 232.2 1.062E 00 57.44 0.10 71.6 1.062E 00 57.44 0.200 164.6 1.068E 00 57.45 0.400 225.8 1.091E 00 57.45 0.400 225.8 1.091E 00 57.35 0.400 226.4 1.026E 00 57.37 0.400 266.4 1.026E 00 57.37 0.400 266.4 1.026E 00 57.37 0.400 165.7 1.086E 00 57.13 0.400 165.7 1.086E 00 57.13 0.400 165.7 1.086E 00 57.13 0.400 170.1 1.136 00 56.37 0.400 170.1 1.136 00 56.37 0.400 170.1 1.136 00 56.37 0.400 170.2 1.136 00 56.37 0.400 263.4 1.136E 00 55.46 0.200 271.4 1.136E 00 55.46 0.200 265.5 1.066E 00 55.46 0.200 265.5 1.066E 00 55.46 0.200 266.7 1.136E 00 55.46 0.200 170.8 1.065E 00 55.46 0.200 266.7 1.136E 00 55.46 0.200 170.8 1.065E 00 55.46	.800	0.0	233.3	1.0466 00	57.32	-9.136F-03	-1.051E-03		03	-2.7858-01	-3
0.0 162.2 9.95GE-01 57.38 0.0 255.4 9.95GE-01 57.34 0.10 71.E 1.062E 00 57.45 0.200 164.E 1.068E 00 57.45 0.200 225.E 1.091E 00 57.35 0.400 225.E 1.091E 00 57.35 0.400 166.5 9.96E-01 57.27 0.400 166.5 1.022E 00 57.37 0.400 166.5 1.022E 00 57.37 1.000 165.7 1.08E 00 57.37 1.000 165.7 1.08E 00 57.13 1.000 165.7 1.08E 00 57.13 1.400 170.1 1.118E 00 56.77 1.400 170.1 1.05E 00 56.37 1.400 170.1 1.05E 00 56.37 1.500 263.4 1.102E 00 56.37 1.500 263.4 1.105E 00 56.37 1.500 263.5 1.105E 00 55.46 2.200 265.5 1.064E 00 55.46 2.200 265.5 1.065E 00 55.46 2.200 265.6 1.065E 00 55.46	006	0.0	711.5	5.5 50E-01	57.43	-9.541E-03	-2.209E-03		03	-2.908E-01	9-
0.0 255.4 9.953E-01 57.34 0.100 25.0 0.0 0.100 232.	0000	0.0	162.3	10-3056-6	57.38	-9.164E-03	-2.266E-03	4.532E 02	1.7498 03	-2.793E-01	-6.906F-0
0.00 232.: 1.062E 00 57.30 0.200 17.E 1.062E 00 57.44 0.200 257.1 1.061E 00 57.35 0.400 257.1 1.061E 00 57.35 0.400 257.1 1.061E 00 57.35 0.400 257.1 1.061E 00 57.25 0.700 260.4 1.022E 00 57.22 0.700 260.4 1.022E 00 57.22 0.700 260.4 1.022E 00 57.22 0.700 260.4 1.022E 00 57.13 0.700 262.5 1.066E 00 56.71 1.100 262.5 1.066E 00 56.72 1.400 262.5 1.066E 00 56.72 1.400 263.4 1.102E 00 56.72 1.400 263.4 1.102E 00 55.76 0.200 263.4 1.102E 00 55.76 0.200 263.5 1.064E 00 55.76 0.200 265.5 1.065E 00 55.76 0.200 265.5 1.000 26	-100	0.0	255.4	9.953E-01	57.34	-9.426E-03	-1.38 8E-03			-2.934E-01	-4.230F-0
0.100 71.E 1.06.2E 00 57.44 0.200 164.E 1.058E 00 57.45 0.400 225.E 1.091E 00 57.35 0.400 225.E 1.091E 00 57.35 0.400 225.E 1.091E 00 57.37 0.400 166.9 9.56E-01 57.37 0.400 216.3 1.102E 00 57.11 1.200 216.4 1.026E 00 57.11 1.200 216.7 1.113E 00 56.37 1.400 170.1 1.13E 00 56.37 1.400 170.1 1.13E 00 56.37 1.400 170.1 1.13E 00 56.37 1.400 170.5 1.105E 00 55.37 1.500 263.4 1.105E 00 55.37 1.500 263.9 1.105E 00 55.46 2.200 271.9 1.105E 00 55.46 2.200 265.5 1.062E 00 55.46 2.400 266.7 1.13E 00 55.46 2.400 265.5 1.062E 00 55.46 2.400 266.7 1.13E 00 55.46 2.400 266.7 1.105E 00 55.46 2.400 266.7 1.106.8 00 55.46	.200	0.0	232.3	1.062E 00	57.30	-1.445 E-02	-1.726E-01		1.747E 03	-4.405E-01	-5.260E O
0.200 164.6 1.058E 00 57.45 0.400 225.1 1.091E 00 57.35 0.400 225.2 1.091E 00 57.37 0.400 166.5 9.983E-01 57.37 0.400 260.4 1.022E 00 57.32 0.700 266.4 1.022E 00 57.22 0.700 76.4 1.02E 00 57.13 1.000 165.7 1.02E 00 57.13 1.100 262.8 1.06E 00 57.13 1.200 76.4 1.08E 00 57.13 1.200 78.7 1.06E 00 57.14 1.300 78.7 1.05E 00 56.37 1.400 170.1 1.105E 00 56.37 1.500 263.4 1.105E 00 56.37 1.600 170.5 1.105E 00 55.36 2.200 271.4 1.11E 00 55.36 2.400 265.5 1.065E 00 55.26 </td <td>.300</td> <td>0.100</td> <td>3.17</td> <td>1.0625 00</td> <td>57.44</td> <td>-7.017E-02</td> <td>-8.873E-01</td> <td></td> <td></td> <td>-2.139E 00</td> <td>-2.704E 0</td>	.300	0.100	3.17	1.0625 00	57.44	-7.017E-02	-8.873E-01			-2.139E 00	-2.704E 0
0.300 257.1 1.0016 00 57.35 0.400 225.6 1.0016 00 57.29 0.400 225.6 1.0016 00 57.29 0.400 260.4 1.022 00 57.29 0.400 260.4 1.022 00 57.22 0.400 260.4 1.022 00 57.22 0.400 260.4 1.002 16.00 165.7 1.006 165.7 1.006 165.7 1.006 165.7 1.006 165.7 1.006 165.7 1.006 165.7 1.006 165.7 1.006 165.7 1.006 165.7 1.006 16.00 56.37 1.000 170.1 1.005 00 56.37 1.000 170.1 1.005 00 55.20 1.000 170.1 1.005 00 55.46 2.200 265.5 1.004 00 55.46 2.200 265.5 1.004 00 55.46 2.200 170.5 1.004 00 55.46 2.200 265.5 1.004 00 55.46 2.200 170.5 1.005 00 55.46 2.200 265.5 1.005 00 55.46 2.200 265.5 1.005 00 55.46 2.200 265.5 1.005 00 55.46 2.200 265.5 1.005 00 55.46 2.200 265.5 1.005 00 55.46 2.200 265.5 1.005 00 55.46 2.200 265.5 1.005 00 55.46 2.200 265.5 1.005 00 55.46 2.200 265.5 1.005 00 55.46 2.200 265.5 1.005 00 55.46 2.200 265.5 1.005 00 55.46 2.200 265.5 1.005 00 55.46 2.200 265.5 1.005 00 55.46 2.200 265.5 1.005 00 55.46 2.200 265.5 1.005 00 55.40 2.200 265.5 1.005 00 55.	. 400	6.200	164.6	1.058E 00	57.45	-1.7836-01	1.225E		1.751E 03	-5.436E 00	-3.7336 01
0.400 225.E 1.091E 00 57.29 0.4500 164.5 9.56E-01 57.22 0.700 260.4 1.022E 00 57.13 0.700 260.4 1.022E 00 57.13 0.700 165.7 1.02E 00 57.13 1.100 262.5 1.066E 00 57.13 1.200 214.7 1.113E 00 56.71 1.400 263.4 1.102E 00 56.72 1.400 263.4 1.102E 00 56.72 1.500 263.4 1.102E 00 56.72 1.600 263.4 1.102E 00 56.72 1.500 263.4 1.102E 00 56.72 1.500 263.4 1.102E 00 56.72 2.200 265.5 1.094E 00 55.76 2.200 265.5 1.094E 00 55.76 2.200 265.5 1.065E 00 55.76 2.200 265.5 1.065E 00 55.76 2.200 266.7 1.138E 00 55.76 2.200 266.7 1.138E 00 55.76 2.200 266.7 1.105E 00 55.76	. 500	0.300	257.1	1.081E 00	57.35	-2. 920E-01	-1.188E 00			-8.9CCE 00	90Z9
0.200	009	0.400	225.8	1.091E 00	57.29	-2.584E-C1	-1.06 IE 00		-	-1.214E 01	135E
0.500 260.4 1.022E 00 57.22 0.800 216.3 1.120E 00 57.14 1.000 165.7 1.088E 00 57.14 1.100 262.5 1.068E 00 57.03 1.100 262.5 1.068E 00 56.87 1.300 78.C 1.059E 00 56.72 1.400 170.1 1.113E 00 56.72 1.400 170.1 1.102E 00 56.72 1.800 170.5 1.102E 00 56.72 1.800 170.5 1.105E 00 55.97 2.200 263.5 1.062E 00 55.46 2.200 265.5 1.062E 00 55.46 2.300 265.5 1.065E 00 55.46 2.400 265.7 1.105E 00 55.46 2.400 265.7 1.105E 00 55.46 2.200 171.6 1.065E 00 55.46 2.200 265.5 1.065E 00 55.46 2.200 265.7 1.105E 00 55.46	200	0000	3-42	9.583E-01	51.37	-4.958E-01	-9.704E-01	4.528E 02		-1.511E 01	
0.400 216.3 1.120E 00 57.14 1.000 165.7 1.088E 00 57.03 1.100 262.9 1.068E 00 57.03 1.200 214.7 1.113E 00 56.34 1.400 170.1 1.059E 00 56.34 1.500 263.4 1.102E 00 56.37 1.600 170.9 1.102E 00 56.22 1.700 263.9 1.105E 00 56.27 1.500 263.9 1.105E 00 55.97 2.200 170.9 1.105E 00 55.97 2.200 265.9 1.062E 00 55.46 2.200 265.9 1.062E 00 55.46 2.200 265.9 1.062E 00 55.46 2.200 265.9 1.065E 00 55.30	000	200	340 4	1 0226 00	57.32	10-3162-6-	-9-2936-01		3446	10 36 01	376
1.000 165.7 1.088F 00 57.15 1.100 262.5 1.066F 00 57.03 1.200 214.7 1.1112F 00 56.74 1.400 170.1 1.079F 00 56.75 1.500 263.4 1.102F 00 56.22 1.600 214.6 1.118F 00 56.22 1.600 27.8 1.118F 00 56.22 1.600 263.5 1.105F 00 55.26 2.200 263.5 1.054F 00 55.76 2.200 265.5 1.064F 00 55.46 2.200 265.5 1.062F 00 55.46 2.200 265.5 1.065F 00 55.46 2.200 265.5 1.065F 00 55.46 2.200 265.5 1.065F 00 55.46 2.200 265.5 1.065F 00 55.27 2.200 265.5 1.065F 00 55.37			216 3	1 1205 00	57 13	-0-110E-01	2416-01			10 36 16 6	386
1.000 165.7 1.088F 00 57.03 1.100 262.5 1.066F 00 56.74 1.200 214.7 1.113F 00 56.72 1.400 170.1 1.05F 00 56.72 1.500 263.4 1.102F 00 56.37 1.600 27.8 1.111F 00 56.37 1.600 170.5 1.105F 00 55.22 1.500 263.5 1.105F 00 55.76 2.200 211.4 1.138F 00 55.76 2.200 265.5 1.064F 00 55.46 2.200 265.5 1.065F 00 55.46 2.200 265.5 1.065F 00 55.46 2.200 265.5 1.065F 00 55.24 2.200 265.5 1.065F 00 55.30	100	000	76.6	1.566 00	57.16	-8-485E-01	-9-38 RE-01			, 4	-2.46.26 01
1.100 262.9 1.066E 00 56.87 1.200 214.7 1.113E 00 56.72 1.400 170.1 1.05E 00 56.72 1.500 263.4 1.102E 00 56.37 1.600 214.6 1.102E 00 56.37 1.600 214.6 1.102E 00 56.22 1.500 263.9 1.118E 00 56.22 2.000 27.8 1.118E 00 56.22 2.000 263.9 1.094E 00 55.76 2.200 211.4 1.138E 00 55.76 2.200 265.9 1.062E 00 55.24 2.300 265.9 1.065E 00 55.46 2.400 266.7 1.139E 00 55.46 2.500 266.7 1.139E 00 55.46 2.500 266.7 1.139E 00 55.46 2.500 266.7 1.139E 00 55.46 2.500 266.7 1.139E 00 55.24 2.500 266.7 1.139E 00 55.24 2.500 266.7 1.139E 00 55.30	-200	1.000	165.7	1-088F 00	57.03	-9.352F-01	-5.331E-01	4.934E 02	1-738E 02	-2. 850F 01	-2.844F 01
1.200 214.7 1.113E 00 56.74 1.300 78.C 1.059E 00 56.72 1.400 170.1 1.079E 00 56.72 1.500 263.4 1.102E 00 56.37 1.600 214.4 1.102E 00 56.37 1.800 170.5 1.105E 00 55.97 1.500 263.5 1.054E 00 55.97 2.100 211.4 1.138E 00 55.76 2.200 171.5 1.062E 00 55.24 2.300 265.5 1.062E 00 55.24 2.400 206.7 1.39E 00 55.24 2.400 266.7 1.39E 00 54.81 2.500 174.8 1.069E 00 54.32 2.700 266.C 1.063E 00 54.32	.30€	1.100	262.	1.066E 00	56.87	-1.023E 00	-9.284E-01				130E
1.300 78.C 1.059E 00 56.72 -1.196E 1.500 26.34 1.102E 00 56.37 -1.282E 1.500 26.34 1.102E 00 56.37 -1.368E 1.500 26.34 1.102E 00 56.37 -1.568E 1.500 26.3.5 1.105E 00 55.97 -1.632E 1.500 26.3.5 1.054E 00 55.97 -1.632E 2.100 78.E 1.054E 00 55.96 -1.715E 2.200 171.6 1.054E 00 55.56 -1.715E 2.300 265.5 1.065E 00 55.24 -1.803E 2.300 265.5 1.065E 00 55.24 -1.795E 2.300 265.7 1.139E 00 54.72 -1.795E 2.300 265.C 1.635E 00 54.32 -1.795E 2.300 265.C 1.635E 00 54.30 -1.795E	004.	1.200	214.7	1.1135 00	56.74	-1.110E 00	-5.249E-01		_	.385E	3618
1,400 170.1 1,079E 00 56.55 -1,282E 1,500 263.4 1,102E 00 56.37 -1,368E 1,600 77.8 1,111E 00 56.22 -1,455E 1,600 170.5 1,111E 00 55.97 -1,635E 1,500 263.5 1,094E 00 55.97 -1,632E 2,100 78.6 1,094E 00 55.96 -1,773E 2,200 265.5 1,065E 00 55.46 -1,803E 2,300 265.5 1,065E 00 55.46 -1,803E 2,500 265.7 1,139E 00 55.46 -1,803E 2,500 265.7 1,139E 00 55.46 -1,803E 2,500 266.7 1,139E 00 55.46 -1,804E 2,500 266.7 1,139E 00 54.72 -1,795E 2,500 266.7 1,065E 00 54.72 -1,795E 2,500 266.7 1,065E 00 54.32 -1,795E 2,700 266.7 1,065E 00 54.32 -1,795E	.500	1.300	78.0	1.059E 00	56.72		-9.265E-01	4.805E 02		-3.645E 01	124E
1,500 263.4 1.1026 00 56.37 -1.3686 1.600 214.6 1.1786 00 56.22 -1.4556 1.600 170.8 1.11786 00 56.22 -1.4556 1.800 170.5 1.1056 00 55.76 -1.7156 2.000 211.4 1.1386 00 55.76 -1.7156 2.300 265.5 1.0626 00 55.46 -1.8056 2.300 265.5 1.0626 00 55.24 -1.8056 2.300 265.5 1.0656 00 55.24 -1.8056 2.300 265.7 1.1395 00 54.72 -1.7956 2.500 174.8 1.0696 00 54.32 -1.7956 2.700 266.0 1.0635 00 54.32 -1.7956 2.700 266.0 1.0635 00 54.32 -1.7956 2.700 266.0 1.0635 00 54.32 -1.7956 2.700 266.0 1.0635 00 54.32 -1.7956 2.700 266.0 1.0635 00 54.30 -1.7956	309€	1.400	170.1	1.C79E 00	56.55	282€	-9.247E-01			-3.909E 01	3011
1,600 214.¢ 1,178E 00 56.22 -1,455E 1,2700 77.8 1,111E 00 56.16 -1,546E 1,500 26.32 -1,656E 1,500 26.32 -1,656E 2,200 211.4 1,138E 00 55.46 -1,773E 2,200 78.6 1,062E 00 55.46 -1,773E 2,300 265.5 1,065E 00 55.46 -1,803E 2,300 265.7 1,139E 00 54.30 -1,795E 2,500 174.6 1,065E 00 54.30 -1,795E 2,500 266.7 1,139E 00 54.30 -1,795E 2,500 266.C 1,661E 00 54.30 -1,795E	. 700	1.500	263.4	1.102E 00	56.37	368E	-9.277E-01	5.000E 02		4.170E 01	-2.828E 01
1.700 77.8 1.111E 00 56.16 -1.546E 1.600 170.5 1.105E 00 55.97 -1.632E 2.000 211.4 1.138E 00 55.76 -1.773E 2.100 78.6 1.062E 00 55.76 -1.773E 2.200 171.5 1.062E 00 55.24 -1.803E 2.300 265.5 1.065E 00 55.24 -1.806E 2.500 206.7 1.1395 00 55.81 -1.795E 2.500 174.8 1.069E 00 54.32 -1.796E 2.700 265.0 1.069E 00 54.32 -1.796E 2.700 265.0 1.069E 00 54.32 -1.796E	200	1.600	3.415	1.178E 00	26.22		-9.232E-01		1.712E 03	-4.436E 01	-2.0146 01
1,800 170.5 1,105E 00 55.97 -1,632E 1,500 2,63.5 1,094E 00 55.76 -1,715E 2,000 171.5 1,062E 00 55.56 -1,735E 2,200 171.5 1,062E 00 55.24 -1,803E 2,300 2,65.5 1,065E 00 55.24 -1,806E 2,500 2,65.5 1,065E 00 55.24 -1,806E 2,500 8,67.7 1,139E 00 54.72 -1,795E 2,500 174.8 1,069E 00 54.32 -1,795E 2,700 2,65.0 1,063E 00 54.30 -1,795E	006-	1.700	17.8	1.111E 00	56.16	1.546E	-9.134E-01		-	-4.712E 01	3501
1,500 263.5 1,094E 00 55.76 -1,715 E 2,000 211.4 1,138E 00 55.5 6 -1,773E 2,100 171.5 1,062E 00 55.46 -1,806 E 2,300 265.5 1,065E 00 55.46 -1,806 E 2,300 265.7 1,139E 00 54,72 -1,795 E 2,500 174.8 1,069E 00 54,32 -1,796 E 2,700 268.0 1,069E 00 54,30 -1,795 E	000	1.800	170.5	1-105E 00	55.97	1.632E	-9.176E-01			-4.974E 01	197E
2.000 211.4 1.138E 00 55.56 -1.773E 2.100 778.6 1.005E 00 55.46 -1.803E 2.300 265.5 1.065E 00 55.24 -1.801E 2.400 206.7 1.139E 00 54.72 -1.801E 2.500 80.5 1.0139E 00 54.72 -1.795E 2.500 80.5 1.0139E 00 54.72 -1.795E 2.500 265.6 1.069E 00 54.30 -1.795E	.100	1.500	263.5	1.094E 00	55.76	1158			1.700E 03	-5.227E 01	3106
2.100 78.6 1.062E 00 55.46 -1.803E 2.200 171.5 1.062E 00 55.24 -1.806E 2.300 265.5 1.065E 00 55.24 -1.806E 2.400 265.5 1.139E 00 54.81 -1.795E 2.500 174.6 1.069E 00 54.30 -1.792E 2.700 265.0 1.069E 00 54.30 -1.792E	.200	5-000	211.4	1.138E 00	55.56	1.773E	-4.82 5E-01	5.1616 02		-5.405E 01	-1.4716 01
2.200 171:9 1.062E 00 55.24 -1.806E 2.300 265.5 1.065E 00 55.62 -1.801E 2.400 206.7 1.1395 00 54.81 -1.795E 2.600 174.8 1.069E 00 54.30 -1.792E 2.700 265.0 1.063E 00 54.30 -1.792E	.300	2.100	78.6	1.062E 00	55.46	1.803€	3		1.65CE 03	-5.494E 01	-4.926E O
2.300 265.5 1.065E 00 55.62 -1.601E 2.400 206.7 1.139E 00 54.81 -1.795E 2.500 80.5 1.063E 00 54.72 -1.796E 2.500 174.8 1.069E 00 54.32 -1.796E 2.700 26E.C 1.063E 00 54.30 -1.792E	.400	2.200	171.5	1.CEZE 00	55.24	1.806E	6.420E-03			-5.504E 01	1.9576-01
2.400 206.7 1.1395 00 54.81 -1.795 E 2.500 86.5 1.0735 00 54.72 -1.796 E 2.600 174.8 1.0095 00 54.32 -1.796 E 2.700 268.0 1.0695 00 54.30 -1.792 E	2000	2.300	265.5	1.065E 00	55.62	1.801E	4.512E-02		1.677E 03	-5.488E 01	1.375€ 0
2.500 80.5 1.013E 00 54.72 -1.796E 2.600 174.6 1.069E 00 54.52 -1.794E 2.700 26E.C 1.063E 00 54.30 -1.792E	209	2.400	206.7	1.1395 00	24.81	1.795 €	3.360E-02		1.671E C3	-5.472E 01	1.024E 0
2.000 174.6 1.009E 00 54.52 -1.794E 2.700 26E.C 1.063E 00 54.30 -1.792E	.700	5.500	80.5	1.C13E 00	54.72	1.796	8-117E-03	989	1.668E 03	-5.475E 01	2.474E-0
2.100 268.C 1.063E 00 54.30 -1.792E	. 800	2.600	174.8	1.0695 00	54.52	1946	-5.24 2E-03		1.662E 03	-5.468E 01	-1.598E-0
	906-	2.100	208.0	1.0635 00	54.30	1.792E	7.505E-04		1.6536	-5.462E UI	2.2876-0
2.800 197.4	000	2.800	197.4	1.134E 00	54.12	:	-6.686E-03	20 3641.6	1.0491 03	-5.459E 01	-2.038E-01
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EXPERIMENTAL CATA

RCOR	NO.	CSCL.	TENSICN	LENGTH	VELOCITY	ACCEL.	TENSICA	LENGTH	VELCCITY	ACCEL.
SEC	SEC	CFG	LAS	11	FT/SEC	F1/SEC/SEC	GRAP	\$	CWISEC	CH/SEC/SEC
1.200	3.000	176.6	.C15E		-	-7-604E-03	4.8748 02	0	.47CE	316
1.300	3.100	269.6	.0725		1.793E	-2.665E-03	862E	0		-8.123E-02
17.400	3.200	193.0	36€	53.38	792E	5.381E-04	5.155E 02	1. (27E 03	-5.462E 01	1.6406-0
1.500	3.300	94.6	.6135		1. 796E	-8.924E-03	3198	1.624E 03	-5.474E 01	-2.720E-01
₹.600	3.400	177.3	.075E		1.795E	-7.021E-03	E 76E	.618E 0	.470E	-2.140F-0
1. 700	3.500	595	. C765			-1.201E-03	.880	0		-3.660E-02
7.300	3.600	195.1	-138€		792E	-4-220E-04	.1626	.6C6E 0	162E	.286
.900	3.700	84.6	-066€			-3.005E-03		0		1596-
0000	3.800	177.6	.064E		1.795E	-7.7746-03	8276	3 37 PE	10C	369
1.100	3.900	270.4	-067€		-1.793E CC	5.239E-04	366	590E 0	3494	597E-
1.20€	4.000	192.3	.143€		-1.791 E OC	-1.880E-03		1.584E 03	-5.460E 01	-5.732E-02
900	4.100	85.E	€ C 76		795E		3088.	582E		300
.400	4.200	179.5	-0 79E		794E	-5.743E-03	. 853E	1.575E 03		751
1.500	4.300	272.6	-C76E			-3.699E-03	875E		-5.464E 01	121
009.	4.400	183.6	1415		316L	4.401E-03	1768	1.563E 03		341
700	4.500	89.8	.067E		795E	-6.720E-03	. 840E	-		•
. 800	4.600	182.3	. C67E		-1.794E 00	-7.726E-03	3668		-5.470E 01	-2.355E-01
.900	4.700	275.1	.075E		. 752E	1.8¢1E-03	10	47E		5.671F
0000	4. 800	176.3	.139₽	5	192€	-4-446E-04		1.54CE C3		-1.355E-C
.100	4.500	3.06	.061E		3561 €	-1.91 2E-03		1.537E 03	-5.472E 01	-5.827E-02
.200	2.000	184.0	50E		793E	-1.010E-02		1.531E 03	-	-3.080E-01
.300-	2.100	276.6	. 054E				.781E	1.524E 02.		-1-381F
.400	2.200	175.8	336		. 792E	2.872E-03	_	1.519E 03		•
- 200	2.300	91.8	1.072E 00	•		-2.807E-03	4. 862E 02	1.517E 03	-5.474E 01	.554
009.	2.400	184.2	-C14E		1.794E	-3.727E-03	136	1.5106 03	3894·	1.136F
• 100	2.500	276.5	-C 76E		1. 792E	- 90 7E-	. 881E	503E		2-109
. 800	2.600	172.1	-146E		1.7926	-5.324E-04	1968			1.6236
- 900	2.700	92.1	.063E		1. 795E	-2.611E-03	302	_		1.959
000	2.800	184.5	1.057E 00		1.794	-6.369E-03	. 795E	1.4898 03		
100	2.900	1.112	2690	•	1.792	-1.637E-03	394B		-2.46ZE 01	686
007-	0000	176.6	3		1. 192E	-3.755E-03	1156	478E	3196	•
.300	001.9	0.46	-	•	1. 195E	5.266E-05	- debe	0	37/4	186
**	6.200	167.0	- 66 7	4	1.7936	-1.733E-03	8406	1.46EE 02	POCE	. 283
.500	6.300	280.1	-069E	-	-1.792E 00	-6.188E-03	1058.		-5.461E 01	Š
. 600	9.400	166.6	.135	47.75	1.7936	-1.283E-03	.150E	55E 0	3494	•
. 100	6.500	9.95	.06 SE		_	-5.018E-03	9528		.475E	530
.800	009-9	189.6	-060E	41		-7.7c3E-04	. 8C7E	1.446E 03	-5.467E 01	-2.348F
1. SOC	6.700	282.1	.074€	47		-3.645E-03	.865E		-5.461E 01	-1.1111-01
• 000	6. 600	155.0	49E	47.	-	. 19	214E	1.435E 03		172
.100	006.9	98.6	.073E		w	-3.979E-03	. 865E	116	-5.473E 01	213E-
1.200	7.000	191.1	-060F			-3.362E-03	. BCEE	~	386	
1.300	1.100	282.4	£4E		w	3.3116-03	825E	1.4186 03	_	-904E
004-	7.200	153.6	116	46.	-	-3.820E-03	-:	1.412E 03	*	1647
1.500	1.300	58.6	71E			.97	0	1.409E 03	.47GE	-126F
009-1	7.400	191.0	67E	46.03	-1.793F CO	-2-R3RF-03	4 H 40E 02	1 -4035 03	10 344 5-	- B - KAGE-
						-	30 70000	-	-	•

EXPERIMENTAL CATA

ACCEL.	CH/SEC/SEC	5.965E-02	-1.786F-01	-1.905F-01	1.3016-02	-6.275F-02	-1.304E-01	-2.245F-01	5.179E-03	9.46 1E-02	-1.620F-01	-1.679F-01	-1.520F-01	-2.063E-02	2.591F-02	-1.002F-01	-1.1216-01	-8.667E-02	8-805E-03	20.23.95	-1-3666-01	-2.382E-01	-4.894E-02	6.6711-02	-1.2685-01	10-3446	9.7806-02	2.1416-02	-1.788F-01	-1.506E-01	-6.957E-02	5.153F-02	10135-01	-1.03E-02	-8-1495-02	-7.648E-02	-2.142E-01	-8.209E-02	-4.445E-02	-1.373E-01	1.8136-	-263E-	-1.5611-01
VELOCITY	CP/SEC		3045°		-	15€					-		_		w							-5.412E 01		-5.460E 01			-5.460E 01								-5-463E 01			-5.458E 01			5.464E	-9.457E 01	-5.462E 01
LENGTH	\$	1.3926 03		1.361E 03														1.305E 03							1.2626 03		1.245E 03			1.230E 03					\$ 8 E		916	36			1 7 DE	-	1.1598 03
TENSICA	GRAP	5.1656 02	9C2E		.8916	. 203€			100	1686	.843€	3551°	.855€	. 161E	. 80SE		. 6 73E	90 M	37.75	2 2			-	91	5.1566 02	200	4.891E 02			3		5.100E 02			3691.	3618.	.750E	. 930E	1916	.8126	168E	9156	5.109E 02
ACCEL.	F1/SEC/SEC	1.9576-03	-5.865E-03	-6.250E-03		-2.059E-03	-4.540E-03	-7.366E-03	1.695E-04		-£.341E-03	-5.50 BE-03	-4.587E-03	-6.769E-04	8.524E-04	-5.910E-03	-3.675E-03	-2.843E-03	2.889E-04	-2.0825-03	-4-475F-03	-7.814E-03	-1.606E-03	2.254E-03	-4-1606-03	-6-349E-03	3.2098-03	7.02 3E-04	-5.865E-03	-4.942E-03	- 28 JE-	1.0912	-4.76 CE-03	-9.969F-04	-2.673E-03	-2.509E-03	-7.029E-03	-2.693E-03	-1.458E-03	-4.506E-03	-5.9476-05	-1.071E-03	-5.120E-03
VELOCITY	FT/SEC	1.792E	1.795E		1. 792E	. 192 E	195E	193E	192E	-1.792E 00	755E	1.793E				1.792E	1.791E	1. 792E	1956	7016	1.792E	1.795€	1.794E	. 791E	1.792 E		: :	1.792E	3 46L	1. 793E	1.791E	1.722	-1.7945 00	1.791F 00	.792E 00	795E 00	793E 00		1.792E 00	1.795E 00	. 793E 00	1. 790E 00	
LENGTH	1	45.66	45.52	45.31	45.08	05.44	44.78	44.58	44.36	44.20	53.44	43.88	43.67	43.51	43.38	43.18	45.96	18.75	42.68	42.24	42.07	41.95	41.76	41.52	41.39	40.14	40.E4	40.67	40.55	40.36	40.14	90.00	30.63	39.40	29.30	39.25	39.65	38.87	38.72	38.60	38.39	38.17	28.01
TENSICA	1.85	356	59E	36€	18E	475	£ 1F	\$ 2E	97.9		₹8 ¥	38E	30L	38E	909	365	146	40E	914	785	476	716	34	31L	446	225	1.C78E 00	35E	59E	S CE	75E	267	175	199	396	62E	47E	87E	42E	(1E	51E	E 4E	392
OSCI.	rec.	150.0	4.66	192.1	285.2	144.1	101.4	194.1	286.4	136.6	104.3	197.2	296.5	130.7	105.6	198.0	291.4	131.4	105.6	201.4	127.1	106.€	195.6	293.8	123.2	202.6	256.5	114.9	112.0	205.0	298.4	105.6	202	296.	108.4	113.2	205.5	299.3	106.2	114.6	208.4	301.6	57.4
TIME	SEC	7.600	1.700	7.800	006.7	9.000	8.100	8.200	8.300	8.400	8.500	8.600	8.700	8.800	8.900	9.000	9.100	2.200	9.300	2.500	9.600	9-700	9.800	006.6	000.01	10.200	10.300	10.400	10.500	10.600	10-100	10-800	11.000	11.100	11.200	11.300	11.400	11.500	11.600	11.700	11.800	11.900	12.000
TIME	SEC	21.800	306-12	25.00€	15.100	2.200	2.300	2.400	2.500	2.600	2.700	2.800	306.2	3.000	301-67	3.200	23.300	004-63	3.500	3.700	3.800	13.900	000-	4-100	4.200	4.400	4.500	4.600	4.700	4.800	006-	3.000	200	5.300	9.400	9.500	9.600	2-700	5. 80c	2.900	0000-9	001-9	9.200

EXPERIPENTAL CATA

RCOR	P.C.N	USCL.	TENSICA		LENGTH	VFLOCITY	ACC EL.	TENSICA	LENGTH	VELOCITY	ACCEL.
SEC	SEC	CEC	185		FT	FT/SEC	F1/SEC/SEC	GREP	5	CP/SEC	CH/SEC/SEC
004-	12.200	311.5		00	37.68	793E	-4.064E-03	4.768F 02	16E		239€
26.500	12.300	304.5	1.093	00	37.48	-1.791E 00	3.526E-03			-5.458E 01	1.075E-01
9.900	12.400	85.4		00	37.34	1926	-1.8216-03	95 60	386	3199	550F
2.700	12.500	120.0		00	37.18	1. 794E	7.607E-	376	336		-318E-
9.800	12.600	213.0		00	36.57	1.793€	-7.414E-03	38	276	165E	
006.	12.700	305.6		8	36.76	3161.	34	356	11		1.6135-0
000	12.800	1.68		8	36.60	_		368	166	949	1.290€
001.	12.900	120.6	1.050	00	36.45	1.755E	-5.37CE-03		116	170E	-1.6376-01
1.206	13.000	213.0	-	00	36.25		-8.646E-03	156	350	16 3E	-2. £35E-
.300	13.100	305.5	-	00	36.64	w	-1.897E-03	300			-5.783E-
204.	13.200	86.7	-	00	35.91	1.792 E	-2,314E-03			-5.463E 01	-7.052E-02
.50€	13.300	121.0	1.C35E	93	35.17		-7.363E-04		3060		-2.244E
009.	13.400	214.1	1.043E	00	35.56		•		_		-1.333E
. 700	13.500	307.2	1.1016	00	35.36	_	-1.869E-03	.953E	CZEE	w	-5.697E-
.800	13.600	84.5		00	35.20		-5.064E-03	306	1.0736 03		-1.543F
.900	13.700	123.5		00	35.06	346L	-6.783E-03	. 724E	3690		-2.067E
000-	13.800	216.4		00	34.86	-1.792E 00	2.889E-04	103E	1.062E 02	-5.463E 01	8.805E
001.	13.900	310.1		00	34.66		2.6936-03	-	1.056E 03	-5.457E 01	8.209F
.200	14.000	72.4		00	34.52	_	-2.118E-03	3911.	CSZE	-5.462E 01	-6.457E-
.306	14.100	126.0		00	34.37		-7.457E-03	_			-2.273E-
2000	14.200	219.1	1.030E	00	34.14		-6.938E-03		1.041E C3	-5.463E 01	-2.115E
. 500	14-300	312.4		00	33.95	1.791€	2.571E-03	-			7.838F
009.	14.400	61.4		00	33.78	1.793E	-3.0306-04		1.03CE 03		-9.236F
. 700	14.500	127.8		00	33.62	_	-5.633E-03	. 720E			-1.11-
900	14.600	220.4		00	33.44	. 793 €	-7.872E-03	-	3510	-5.465E 01	-2.400E-
006.	14.700	313.4		00	33.23	1. 791E	-2.430E-03				-7.406F
000	14.800	94.6		00	33.08	.793€	1.416E-05	.015E		_	4.316F
100	14.500	126.1		00	35.54	1. 796E	-3.568E-03	3069		-5.474E 01	-1.088F
007	15.000	250.1	1.03SE	00	32.14	1.793E	-3.84 (F-03	. 715E		-5.465E 01	-
900	15.100	313.6	-	00	35.25	116/1	m .	.015E			-
000	15.200			30	32.37	193E	:				ë,
2000	15.300	17871	1-0186	00	37.75	1. 193E	•	. 617E		100E	ě.
000	15.400	222.1	1.035	00	32.05	1.792E	-4.4691-03	4.65 \$ 02		200	-1.362E-01
.700	15.500	315.6	1.121E	30	21.62	1.790E	031			-5.457E 01	6.189F
. 800	15.600	55.1	1.108	00	31.69	1.793€		5.024E C2		-	-1.3696-
306 €	15.709	131.4	1.005	00	31.51	-1.795E 00	-3665·	~		_	-2.011E-
000	15.800	224.7	1.028E	00	21.29		-3.505E-03	4.665E 02	36E	-5.464E 01	-1.0706-01
.100	15.500	318.7	1.132E	00	31.08	190E	3.891E-03	75	.472E		•
002-	16.000	41.4	1.124	30	30.53	1. 793€	-1.243E-03	-	366		-3.785E-02
.300	16.100	134.1	1.0225	00	30.76		-9.005E-03	30	.375E	-5.470E DI	-2.746F
1.400	16.200	227.3	1.6245	00	30.57	1.792€	-6.219E-03		.318E		-1.896€
.500	16.300	350.5	1.1246	20	30.36		3.512E-03	-	.253£		1.070F
009-	16.400	45.4	1.1209	00	30.24		3.682E-04		.21tE		1.122E-
. 700	16.500	135.2	1.0185	00	30.06	1.794€	202E-	3619.	9.168E 02	466	-1.890E-
008-	16.600	228.2	1.028F	00	29.87	-1 7626 00	-7.284E-03	-7	104		-3 3346
The second second				,		101766		36.00	5	-	702222

EXPERIPENTAL CATA

2144420 2431222 3 1847 17742 1 3 184

RCDR	RLN	CSCL.	TENSICA	LENGTH	GTH VELOCITY	ACCEL.	TENSICA	LEAGTH VELC	VELCCITY	ACCEL.
TIME	TIME	ANGLE		1.5	23775	257 7557 75	400	1	223000	CHICECTEC
356	356	130	ŝ	1000	רוופנר	רו / זפר / זפר		5	736/47	CM/SEL/SEL
31.000	16.800	45.1	1.11CE 0C	59.63	-	-2.3651-03	5.0336 02	9.ccc 62		-7.208E-02
31.100	16.500	135.4		56.39	:	N	0		3694.	1
31.200	17.000	228.6	1.0385 00	29.20	1.792	-1.9096-03			.462E	1
31.300	17.100	318.4	1.1346 00	29.01	3162	-2.775E-04	5.1436 02		.458E	-8.459E-03
31.400	17.200	43.5	1.0585 00	28.68	1.793E	-5.061E-03			3995.	. 60
31.500	17.300	137.6	10-3995·5	58.69	1.794€	168.			399	1
31.600	17.400	230.4	1.0385 00	58.49		.1.			375	
31.700	17.500	310.5	1.155E 00	28.30	-1.790E 00	432			-5.457E 01	1.3516-01
31.800	17.600	45.1	1.101E 00	28.14		-3.209E-03			1 SE	-9.780E-0
31.900	17.700	139.7	5.842E-01	27.56	-1.794E GC	-1. C2 EE-02				-3.127E-0
32.000	17.800	233.5	1.037E 00	27.76	192 E	-5.916E-03				-1.803E-0
32.100	17.900	300€	1.175E CC	27.57		2.515E-03				7.665E-0
32.200	18.000	48.7	1.109E 00	27.44	793E	1.585E-03				4.8436-0
32.300	18.100	142.2	5.783E-01	27.26		-4.6656-03				-1.483E-0
32.400	18.200	235.7	1,043€ 00	27.05	1.792E	-6.1746-03				-2.065F-0
32.500	18.300	258.1	1.189E 00	26.86		-1.2326-03	. 354E			-3.755E-0
32.600	18.400	48.5	1.1C6E 00	26.73	1.793€	-2.7026-03	_		HEEE	-8.235E-0
32.700	18.500	143.0	9.649E-01	26.55		-4.715E-03	3776.		3991	-1.437E-0
32.800	18.600	236.5	1.032E 00	26.36		-8.0436-04	. 683E		3199	-2.451E-0
35.900	18.700	258.€	1.157E 00	26.17	1.790€	2.7706-03			157E	8.442E-0
33.000	18.800	50.3	1.105E 00	26.03	1.7938	-7.046E-03	. 011E		3991	-2.148E-0
33-100	006-81	143.6	10-3143-6	25.84	-1.7938 00	-9.414E-03	4.328E 02	7.617E 02	-5.466E 01	-2.869E-01
33.500	200	30367	י אוני י	25.63	376101	6 4305 03	36710	95	3704	101010
33.400	19.200	20767	1 1045 00	25 20	7076	3.710E-03		7 1086 02		2-02120-2
33.500	19.300	144.	C 423E-01	26.00	7036	-0 704E-03	2346	25	377	23.00
33.606	15.400	235.4	1.030F 00	26.91	1.797	-8-156F-03	A778		16.26	-2.486F-0
33.700	15.500	283.6	1.221F 00	24.72	1.791 €	3.750F-03			196	1.14.26-0
33.800	19.600	54.6	1.101F 00	24.58	232	6-627E-04	3955	7.4916 02	-5-466E 01	2.0206-0
33.900	19.700	148.6	9.3165-01	24.40		-5.225E-03			166E	-1.593E-(
34.000	19.800	24202	1.038F OC	24.21	916	-4.826E-03	_	318	3094	-1.471F
34.100	19.900	276.1	1.241E 00	24.03	306	-8.694E-04				-2.650E-
34.200	20.000	57.4	1.056E 00	23.88	366	-6.60 IE-03	_		466E	-2.012E-
34.300	20.100	150.6	5.196E-01	23.71	34E	-7.292E-03	.171E			-2.23F-(
34.400	20.200	244.2	1.044E 00	23.53	92E	1.15EE-03				3.5306-(
34.500	20.300	276.5	1.253 00	23.35	316	7.5196-03	.682€			2.292E-(
34.600	20.400	58.5	1.089E 00	23.20	83	-4.611E-03	.939E			-1.405E-(
34. 706	20.500	151.6	9.1915-01	23.02	+51.	-1.160E-02	169E			-3.536E-(
34.800	20.600	244.1	1.054E 00	22.81	326L	-3.302E-03	3187.			-1.006E-
34.900	20.700	273.5	1.255E 00	22.64	-1.791E 00	6.56 5E-03	.693E			2.001F-
36.000	20.800	58.6	1.0605 00	22.48	1.794€	-1.8496-03	4.807E 02			-5.6376-0
35.100	20.900	152.0	E.965E-01	22.28	.793€	-8.808E-03	3790.			-2.685E-0
35.200	21.000	245.4	1.082E 00	22.11	1.792E	-5.95 BE-03	4.506E 02			-1.828E-0
35.300	21.100	267.3	1.26CE 00	21.93	316L.	1.1846-03	.807E			3.60EF
35.400	21.200	66.7	1.02eF 0C	21.79	-1.754F 00	-5.137E-03			-5-468F 01	-1.566F-
									-	

EXPERIMENTAL CATA

RCOR	NO.	CSCL.	TENSION	LENGTH	VELOCITY	ACCEL.	TENSICA	LENGTH	VELOCITY	ACCEL.
SEC	SEC	CEC	LBS	t	F1/SEC	F1/SEC/SEC	GFAP	\$	CP/SEC	CM/SEC/SEC
	21.400	247.1	iu	21.41	1.792E	3.2091-03	5 .082E 02	6.525E C2	-5.461E 01	9.780E-02
35. 700 2	21.500	258.1	1.328E 00	21.22	190	5.033E-03	6.024E 02	6.465E 02		
	21.600	64.6	æ	21.08		-8.391E-03	4.548E C2	6.425E 02	-5.467E 01	-2.558E-0
	21.700	157.5	T.	20.89		-1.246E-02	3.7776 02	389	-5.466E 01	-3.798E-0
	21 .800	256.8	u.	20.11		2.741E-03	5. CE 7E 02	136	-5.463E 01	8-356E-0
	21.500	256.6	Z	20.53	-1.791E 00	9.215E-03	6.080E 02			2.809E-01
	22.000	66.3	9.7E7E-01	20.38	-1.794E 00	-5.477E-03	4.439E 02	.213€	319	-1.669E-0
	22.100	155.4	m	20.18	-1.793E 00	-1.042E-02	3.680E 02	. 15 IE	-5.465E 01	-3.175E-01
	22.200	251.5	W	19.61		-3.551E-03	5.132E 02	.085E	464E	-1.082E-0
	22.300	247.9	1.348E 00	19.80	u	3.9346-03	1156 0	.036E	-5.460E 01	1-199E-0
	22.400	9.99	0-3	19.64	1.795 €	-6.415E-03	4.353E 02	3535		-1.955E-0
	22.500	155.4	U	19.44		.287	0	34	470E	-2.526F-01
	22.600		1.194E 00	19.26	-1.793E CO	2.724E-03		87CE	3491	8.304E-0
	22.700		-364E	19.08		2.546E-03	2796	£17E		7.760E-02
	22.800	67.5	-30EE-	18.93	-1.794E 00	-9.748E-03	4.232E 02	770E		971F
	22.900		8.0345-01	18.73	-1.793E 00	-9.546E-03		5. 70SE 02		BZE
	23.600	254.6	1.222E 00	18.55	-1.792E 00	4.976E-03	5.544E 02	5.6546 02	-5.463E 01	1.5175-01
	23.100	239.5	w	18.37	-1.791E 00	6.326E-03		5.599E 02	3851	2.538F-0
	23.200	1.07	w	18.23		-5.108E-03	_	5.55E C2		-2.776E-0
	23.300	162.5	8-135E-01	18.03	-1.794E 00	-1.372E-02	3.690E 02	5.495E 02	-5.467E 01	-4.180E-0
	23.400	257.2	ш	17.85	-1.792E 00	-5.256E-04	5.823E 02	5.442E 02	9E9	-1.614E-0
	23-500	231.3	ш	17.67	w	5.321E-03	6.281E 02.	5.367E. 02		1.6225-0
	23.600	12.5	E-165E-01	17.52		-5.888E-03		5.340E 02	-5.468E 01	-1.795E-01
	23.700	166.4	F	17.33		-7.168E-03		282E	375	-2.185E-0
	23.600	255.1	ш	17.14	-1.792E 00	6.225E-03	6.108E 02	5.222E 02		1.8975-0
	23.900	462.6	1.374E 00	16.96		5.721E-04		1716	459E	1.744-0
	24.000	14.5		16.80		-1.297E-02	3.472E G2			m.
	24-100	167.2		16.60		-7.3496-03	3.8525 02	3090		-2.240F-0
	24.200	2007	1.415E 00	16.44		7.437E-03	186	3010		- 14 P
	24.300	253.6	"	10.25		5.435E-03				1.656F0
	005-67	7.5.5	١,	10.09	1. 1995	-1.453E-02	3-1346 02	4.903E 02		10-306-0-
	006-47	107.5		15.51	1.1936	-1.169E-02	1776	24 SE	100	128.
	24.600	501.4		15.13		9.1336-03			10 4E	-366
	24.700	220.1	1.256E 00	15.56		3.362E-03	_		PER	1.025F-01
	24. 600	76.5	1	15.39		-1.072E-02	_		389	-3.267E-01
	24.900	169.7	1.	15.22		-4.570E-03	1676		100	-1.515F-01
	25.000	263.1	1.526F 00	15.04		7.986E-03	_		-5.461E 01	2.434E-0
	25.100	31115	1.143E 00	14.88		-3.676E-03	_			-1.120F-0
	25.200	19.0	6.0C6E-01	14.71		-1.599E-02	. 724E		-5.468E 01	-4.873E-01
	25.300	173.0		14.54	_	2.518E-03	5.0C2E 02		-5.467E 01	7.674F-02
	25.400	266.8		14.34		1.208E-02			-5.462E 01	3.683F-01
	25.500	203.3	.017E	14.16	-1.790F 00	-3.585E-03	615E	4.315E 02		-1.215E-0
	25.600	82.0	-3660.	13.99		-1.7256-02			-5.469E 01	-5.257E-0
	25.700	175.2	1.229E 00	13.80	-1.794E 00	-3.30 EE-03	5.574E 02	2C6 E	-5.469E 01	-1.008F-0
	25.800	268.5	.521E	13.62	-1.792E 00	1.025E-02	0 3006	15CE	-5.463E 01	3.123E-01

EXPERIMENTAL CATA

TIME	TIPE	ANGLE	LENSICA	רבעפום	*ELUCI II	Arrer.	IENSIEN	Line		
SEC	SFC	950	185	11	FT/SEC	FT/SEC/SEC	GRAP	ð	CP/SEC	CP/SEC/SEC
0.200	25.000	83.0	6.3875-01	13.26	-1.793E CC	4.66 IE-02	2.857E C2	4.042E 02	-5.464E 01	1.4216 00
6.300		176.3	1.276F 00	13.09	-1.769E 00	4.015E-01	5.788E 02	3.55CE 02	-5.353E 01	1.224E 01
004.0		265.3	1.38 SE CC	12.52	-1.708E 00	7.487E-01	.2826		-5.206E 01	2.282E 01
40.500		197.6	7.795E-01	12.75	-1.626E 00	5.039E-01			-4.956E 01	
009.0		83.6	4.2675-01	12.63	-1.479E 00	1.148E 00	.936€			
0.100		176.3	- i	12.61	-5.627E-C1	1.1406 00	.080E			3.475€ 01
C. 8CC		268.5	96	12.60	-3.710E-01	1.CSEE 00	.843€		.131E	3.340E 01
006-0		192.6	SE.	12.60	-4.048E-02	1.146E 00	_			3.494E 01
1.000	26.800	85.1	4.682E-01	12.62	€.254E-C2	4.6755-01	.124E			1.425E 01
1.100		178.8	1.013E 00	12.63	5.447E-02	-2.838E-01				
1.200		271.5	8	12.63	2.337E-02	-3.200E-01	.0316		7.124E-01	-9.754E 00
1.300		185.2	3E-	12.61	-3.025E-03	-1.7256-01		3.6436 02	-9.219E-02	
1.400		86.4	5.099E-01	12.60	-1 .475E-02	-5.132E-02	.312E		-4.457E-01	. 564E
1.500		181.6	2	12.60	-1.647E-02	8.85 8E-03		3.840E 02	-5.020F-01	2.712F-01
1.600		274.8	1.466E 00	12.59	-1.491E-02	2.168E-02	3169°		-4.545E-01	6.610F-01
1.700	-	176.5	1.6C7E-01	12.60	-1.249 E-02	1.475E-02		3.640E 02	-3. CCBE-01	4.4976-01
1.800		6.06	6.1236-01	12.61	-1.217E-02	6.855E-03	.778E		-3 -709E-01	2.103E-01
1.900		184.0	1.349€ 00	12.61	-1.196F-02	3.682E-04		3. E45E 02	-3.645E-01	1.122E-02
5.000		276.7	1.346E 00	12.61	-1.162E-02	-1-170E-03		3.844E 02	-3.542E-01	-3.565F-02
5.100		175.5	6.958E-01	12.61	-1.146E-02	-7.448E-04			-3.4946-01	-2.270E-02
2.200	0.0	92.6	7.15 TE-01	12.62	-1.190E-02	-1.1586-03	3.264E C2	3. E45E 02	-3.628E-01	.1.
5.300		184.6	y,	12.62	-1.207E-02	-5.806E-04			-3.6785-01	-1.770F-02
2.400		3.922	-	12.62	-1.160F-02	2.266E-04			-3.535E-01	6.906F-03
.500		165.5		12.62	-1.221E-02	-7.618E-04			-3.721E-01	-2.322E-02
009-		95.6	- N	12.63	-1.222E-02	-5.154E-04			-3.725E-01	-1.571F-02
. 706		185.6	JE .	12.63	:	-6.655E-04	- 28 ZE		-3.673E-01	-2.029E-02
. 800		278.4	w !	12.61	:	-5.324E-04	3136		-3.757E-01	-1.623E-02
2006		101.4	7	15.61	-1.2134-02	-5-126E-04	7577			-1.562E-02
3.000		55.1	7	12.60	<u>:</u>	-1.7796-03	- 90SE		3	-5.421E-02
001.		188.	2	12. 60	:	-1.827E-03	106T		•	-5.568E-02
1.200		281.2	H	12.59	-	-8.468E-04	. 124E		-3.720E-01	-2.501E-02
3.300		156.2	ZE -	12.59	_	-1.937E-03			m (-5.904E-02
004.		26.5	1	17.61	-1.1995-02	-1.679E-03	3150		•	-5.119F-0
3.500		191.1	3	12.62	-1.250E-02	-1.121E-03	-070E		M	-3.41 FF-02
3.600		784.5	1.106E 00	12.61	-1.212E-02	-4.645E-04	.015		-3.694E-01	-1.4165-0
3.700		146.5	1.4 70E-C1	12.60	1.219	-5.494E-04	388E		-3.717E-01	-1.675E-02
3.800		100.5	9.040E-01	12.62		-1.552E-03	- 1 COE		-3.622E-01	-4.730E-0
306.6		192.5	1.323E 00	12.62	-1.207E-02	-1.056E-03		3. 647E 02	-3.6E0E-01	-3.220F-0
.000		285.3	Ų.	12.62		3.342E-04			-3.694E-01	1.019E-02
001.		144.6	-	15.61	-	-3.172E-04	. 412E		3.688E-	-9.668F-03
007.		101.1	-36	12.64	-	-4.758E-04	1226	3.852E 02	-3.752E-01	450
1.300		193.2	SE	12.62	-1.297E-02	-1.00 8E-03	.970E		-3.9536-01	-3.073F-02
4.466		288.6	1.C87E 00	12.61	=	-1.784E-04	3 16		. 745E-	-5.43 BE-03
1.500		144.1	36-	12.62	-1.221E-02	-1.4368-03	3.412E 02	3.E4EE 02	-3.723E-01	-4.376E-02
\$.600		102.1	PE-	12.60	-1-276F-02	-2.353F-03	4 1455 02	36 70	- 2 BRBC-01	3 3046-03
			,		•		37.1	,	10-3988 C-	30-346701-

EXPERIMENTAL CATA

VARIABLE LENGTH CARLE SYSTEMS DYNAMICS

VELCC 114 VELCC 114 -3.71 CF-01 -3.63 CF-01 -3.64 CF-					ENGL	ISH UNITS			METRIC	C UNITS	
175	RCOR	N	0501.	TENSICN	LENGTH	VELOCITY	ACCEL.	TENSICA			ACCEL.
0.0 127.0 1.677E 00 12.60 -1.239F-02 -1.875F-03 5.887E 02 3.440E 02 -3.316E-01 10.0 10.48E-01 12.60 -1.191F-02 -1.86E-03 5.718E 02 3.440E 02 3.440E 02 3.440E-01 12.60 12.61 12.27F-02 -1.86E-03 5.995E 02 3.440E 02 3.440E-03 5.995E 02 3.440E 02 3.440E-03 5.995E 02 3.440E 02 3.440E-03 5.995E 02 3.440E-03 5.440E-04 5.4	SEC	SEC	CEC	LBS	Ħ	FT/SEC	FI/SEC/SEC	GRAP	t	CP/SEC	CH/SEC/SEC
0.0 197.6 1.428E-01 12.40 -1.191F-02 -2.738E-03 3.741E 02 3.441E 02 3.441E 02 0.0 104.5 9.228E-01 12.41 12.42E-03 5.99E 02 3.441E 02 3.441E 02 3.441E 02 3.441E 02 3.441E 02 3.441E 02 0.0 104.5 9.228E-01 12.41 12.42E-03 5.99E 02 3.441E 02 3.441E 02 3.441E 02 0.0 104.5 1.006E 00 12.41 1.106E-03 5.99E 02 3.441E 02 3.4	008.44	0.0	267.7		12.60	-1.2396-02	-1.875E-03		3.E4CE 02	-3.776E-01	-5.714E-02
0.0 197.¢ 9.25E-01 12.61 -1.278E-03 5.992E 02 3.845E 02 -3.788E-01 0.0 0.0 197.¢ 1.32E 01 12.61 -1.2278E-03 1.246E 03 3.845E 02 -3.739E-01 0.0 197.¢ 1.32E 01 12.61 -1.2278E-03 4.845E 02 3.845E 02 -3.739E-01 0.0 197.¢ 1.32E 01 12.61 -1.136E-02 -1.288E-03 3.35E 02 3.845E 02 -3.746E-01 0.0 197.¢ 1.32E 01 12.61 -1.136E-02 -1.688E-03 4.25E 02 3.845E 02 -3.646E-01 0.0 197.¢ 1.32E 01 12.61 -1.136E-02 -1.186E-03 4.25E 02 3.845E 02 -3.446E-01 0.0 197.¢ 1.32E 01 12.61 -1.136E-03 4.25E 02 3.845E 02 -3.446E-01 0.0 197.¢ 7.456E-01 12.62 -1.136E-03 4.25E 02 3.845E 02 -3.439E-01 0.0 197.¢ 7.456E-01 12.62 -1.136E-03 4.25E 02 3.845E 02 -3.439E-01 0.0 197.¢ 7.456E-01 12.62 -1.136E-03 4.25E 02 3.845E 02 -3.439E-01 0.0 197.¢ 7.456E-01 12.62 -1.136E-03 4.25E 02 3.845E 02 -3.439E-01 0.0 197.¢ 7.456E-01 12.62 -1.136E-03 4.25E 02 3.845E 02 -3.439E-01 0.0 197.¢ 7.456E-03 4.25E 02 3.845E 02 -3.439E-01 0.0 197.¢ 7.456E-03 4.25E 02 3.845E 02 -3.439E-01 0.0 197.¢ 7.456E-03 4.25E-03 4.25E-03 4.25E-03 4.25E-03 7.25E-01 0.0 197.¢ 7.45E-03 7.25E-03 7.25E-	206.44	0.0	137.6	7.448E-01	12.60	-1.191E-02	-2.739E-03		3. E41E 02	-3.6316-01	-8.347E-02
0.0 197.4 1.321E 00 12.41 -1.227F-02 -1.240F-03 5.992E 02 3.842E 02 -3.545F-01 0.0 12.11 1.06F-03 -7.222F-04 4.845E 02 3.845E 02 3.845E 02 3.845E 02 0.0 12.11 1.06F-03 1.335E 02 3.845E 02 3.845E 02 0.0 12.11 1.06F-03 1.335E 02 3.845E 02 3.845E 02 3.845E 03 1.06F-01 12.41 1.0126F-02 -2.1887-03 4.255E 02 3.845E 02 3.845E 02 3.845E 02 0.0 12.41 1.0126F-02 -2.1887-03 4.255E 02 3.845E 02	45.000	0.0	104.5	9-2235-01	12.61	-1.1946-02	-1.58 EE-03		3. E44E 02	-3.6386-01	-4.834E-02
0.0 121.1 7.32E-01 12.61 -1.136E-02 -1.688E-03 3.33E 02 3.64E 02 -3.64E 01 0.0 0.0 121.1 7.32E-01 12.60 -1.136E-02 -1.688E-03 3.33E 02 3.64E 02 -3.47E-01 0.0 107.4 9.37E-01 12.61 -1.136E-02 -1.688E-03 9.24E 02 3.64E 02 -3.47E-01 0.0 107.4 9.37E-01 12.61 -1.186E-02 -1.688E-03 9.24E 02 3.64E 02 -3.43E-01 0.0 119.2 5.646E-04 9.77E 02 3.64E 02 -3.43E-01 0.0 119.2 5.646E-01 12.62 -1.135E-03 9.36E-03 9.646E 02 3.64E 02 -3.43E-01 0.0 110.2 5.646E-01 12.62 -1.135E-03 9.025E 02 3.647E 02 -3.43E-01 0.0 110.2 5.646E-01 12.62 -1.135E-02 -1.144E-03 6.025E 02 3.647E 02 -3.732E-01 0.0 50.16 12.2 5.6.25E-02 -1.444E-03 6.025E 02 3.647E 02 -3.732E-01 0.0 50.16 12.2 5.6.25E-02 -1.444E-03 6.025E 02 3.647E 02 -3.732E-01 0.0 50.16 12.2 5.6.25E-02 -1.444E-03 6.025E 02 3.647E 02 -3.732E-01 0.0 50.16 12.2 5.6.25E-02 -1.444E-03 6.025E 02 3.647E 02 -3.732E-01 0.0 50.16 12.2 5.6.25E-02 -1.444E-03 6.025E 02 3.647E 02 -3.732E-01 0.0 50.16 12.2 5.6.25E-02 -1.444E-03 6.025E 02 3.647E 02 -3.732E-01 0.0 50.16 12.2 5.6.25E-02 -1.444E-03 6.025E 02 3.647E 02 -3.732E-01 0.0 50.16 12.2 5.6.25E-02 -1.444E-03 6.025E 02 3.647E 02 -3.732E-01 0.0 50.16 12.2 5.6.25E-02 -1.444E-03 6.025E 02 3.647E 02 -3.732E-01 0.0 50.16 12.2 5.6.25E-02 -1.444E-03 6.025E 02 3.647E 02 -3.732E-01 0.0 50.16 12.2 5.6.25E-02 -1.444E-03 6.025E 02 3.647E 02 -3.732E-01 0.0 50.16 12.2 5.6.25E-02 -1.444E-03 6.025E 02 3.647E 02 -3.732E-01 0.0 50.16 12.2 5.6.25E-03 0.0 50.16 12.2 5.6.25E-03 0.0 50.16 12.2 5.4.446E-03 0.0 50.16 1	12.100	0.0	197.6	1.321E 00	12.61	-1.227E-02	-1.240E-03		3.842E 02	-3.739€-01	-3.701E-02
0.0 107:1 7.3222-01 12:40 -1.1426-02 -1.688-03 3.335 02 3.645 02 -3.6416 02 -3.6416 02 02 02 02 02 02 02 02 02 02 02 02 02	45.20C	0.0	291.3	1.066 € 00	12.61	-1.186F-02	-7.222E-04		3.843£ 02	-3.616E-01	-2.201E-02
0.0 107.4 9.227E-01 12.41 -1.142E-02 -2.183E-03 4.235E 02 3.444E 02 -3.40E-01 0.0 0.0 292.4 11.22E 00 12.41 -1.185E-02 -1.132E-03 4.779E 02 3.444E 02 -3.431E-01 0.0 179.5 1.23E 01 12.43 -1.185E-02 -1.146E-03 4.295E 02 3.444E 02 -3.431E-01 0.0 105.2 5.465E-01 12.43 -1.135E-02 -1.146E-03 4.295E 02 3.454E 02 -3.431E-01 0.0 0.0 105.2 5.465E-01 12.43 -1.135E-02 -1.146E-03 6.025E 02 3.457E 02 -3.732E-01 0.0 0.0 1.22E 01 12.43 -1.225E-02 -1.444E-03 6.025E 02 3.447E 02 -3.732E-01 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	45.300	0.0	125.1	7.352E-01	12.60	-1-139E-02	-1.688F-03			-3-471E-01	-5.1456-02
0.0 200.4 1.324E 00 12.61 -1.185E-02 -1.532E-03 6.004E 02 3.444E 02 -3.431E-01 0.0 19.5 7.292E 02 12.61 -1.185E-02 -1.46E-03 6.005E 02 3.464E 02 -3.431E-01 0.0 119.5 7.292E 01 12.62 -1.185E-02 -1.116E-03 4.292E 02 3.646E 02 -3.519E-01 0.0 105.2 5.465E-01 12.62 -1.255E-02 -1.446E-03 6.025E 02 3.641E 02 -3.519E-01 0.0 105.2 6.465E-01 12.62 -1.255E-02 -1.446E-03 6.025E 02 3.641E 02 -3.732E-01 0.0 105.2 6.465E-01 12.62 -1.255E-02 -1.446E-03 6.025E 02 3.641E 02 -3.732E-01 0.0 105.2 6.465E-01 0.0 105.2 6.46	18.400		107 6	0.3375-01	13 61	-1 1625-02	-3 103E-03			2 4006-01	
0.0 29.4 1.526 00 12.41 -1.136=02 -1.146=03 9.256 02 9.646 02 -3.491=01 0.0 0.0 105.2 5.456=01 12.42 -1.138=02 -1.146=03 9.256 02 9.646 02 -3.491=01 0.0 0.0 105.2 5.456=01 12.42 -1.138=02 -1.146=03 9.0256 02 9.646 02 -3.591=01 0.0 0.0 105.2 5.456=01 12.42 -1.1256=02 -1.146=03 9.0256 02 9.6476 02 -3.591=01 0.0 0.0 105.2 5.456=01 12.42 -1.2256=02 -1.146=03 9.0256 02 9.6476 02 -3.591=01 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	200		2000	1 3345 00	13.71	1 1055 00	50-3691-3-			10-1004-6-	207050-
0.0 2314 1.224 00 12.41 -11.164-04 4.7796 02 3.4446 02 -3.4318-01 0.0 0.0 119.5 7.2928-01 12.43 1.1388-02 -1.4118-03 3.1686 02 3.4446 02 -3.4538-01 0.0 0.0 105.2 5.4658-01 12.43 -1.1588-02 -1.4198-03 4.2926 02 3.4546 02 -3.4538-01 0.0 0.0 201.4 1.2286 02 1.2286-02 -1.4446-03 6.0256 02 3.4476 02 -3.5198-01 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	300			10354	10.71	70-3691-1-	-102325-03		30 346 06	10-3110-6-	70-1010-1-
0.0 110.5 7.2925-01 12.42 -1.135E-02 -1.116E-03 3.846E 02 3.846E 02 -3.453E-01 0.0 106.3 5.465E-01 12.43 -1.155E-02 -1.149E-03 6.025E 02 3.841E 02 -3.519E-01 0.0 201.6 11.22E 00 12.62 -1.225E-02 -1.444E-03 6.025E 02 3.847E 02 -3.732E-01 0.0 201.6 11.22E 00 12.62 -1.225E-02 -1.444E-03 6.025E 02 3.847E 02 -3.732E-01 0.0 201.6 11.22E 0.0 12.62 -1.225E-02 -1.444E-03 6.025E 02 3.847E 02 -3.732E-01 0.0 201.6 11.22E 0.0 12.62 -1.225E-02 -1.444E-03 6.025E 02 3.847E 02 -3.732E-01 0.0 201.6 11.22E 0.0 20	100.04	0.0	203.6	1.6546 06	13.21	-1.1261-02	-4-440E-04			-3.431E-01	-1.355E-02
0.0 105.2 5.465E-01 12.43 -1.155E-02 -1.419E-03 4.295E 02 3.519E-01	45.700	0.0	119.5	7.2925-01	12.62	-1.133E-02	-1,1166-03		77	-3.453E-01	-3.401E-02
	45. agc	0.0	106.3	5.465E-01	12.63	-1.155 8-02	-1.4196-03		3. ESCE 02	-3.519E-01	-4.325E-02
	1006.64	0.0	20102	Ľ	73.71	-1.2251-02	-1.444E-03		3.6476 02	-3.732E-01	-4.40ZE-02
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EXPERIMENTAL CATA

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17 ERS 89 14 60 C0 1 - 32 OE - 01 1 - 32 OE - 01	-	ACCEL.	CH/SEC/SEC	-6.154E-02	-5.935E-02			-6.812E-02	-5-665E-02	940	-5.569E-02	-5.302E-02	-5.233E-02	-5.69/1-02	-5.226F-02	-4.968E-02	-5-400F-02	-5.749E-02	-5.604E-02	-5.235E-02	- 20 30 E- 02		-5.754E-02	-6.036E-02	-5.513E-02	-5.277E-02	-5.191E-02	-5.339E-02	-5.03 2E-02	-4.5386-02	-5.258F-02	-5.614E-02	-5.643E-02
A	PETRIC UNITS	VELCCITY	CP/SEC	-1.121E-01	-1.152E-01	-1.080E-01	-1.100E-01	-10-132E-01	-9.700E-02	-1.017E-01	-1.013E-01	-9.894E-02	-1.052E-01	-9.953E-02	-1.017E-01	-1.046E-01	-1-021E-01	-9.582E-02	100	-1 327E-01	70-286-0-	-9-742E-02	-9.850E-02	-9.580E-02	-9.84 ¿E-02	-9.594E-02	-9.832E-02	-9.643E-02	-9.015E-02	-9.646E-02	-9.457E-02	-9.739E-02	-9.165E-02
STATIC 0.0 0.0	PETRIC	LENGTH	ð	2.197E 02	194E			2.150E 02	2.192E 02	92E	SEE	2.157E 02		2.15EE 02			3951	156E			1366		192E	33 SI	15 BE	3661	\$ JE		366		116	3	2.157E 02
1. LV C. H.		TENSICA	GRAP	4.5648 02				4. 56.9E G2			346E			4.545E 02		543E				4.55 ct 02			4.554E 02		1000						2446	48E	4.552E 02
OSCILLATCR PA MODE AMPLITUDE, FREQUENCY,		ACCEL.	F1/SEC/SEC	-2.019E-03	-1.94 7E-03	-1.932E-03	-2.004E-03	-4.237E-03	-1.859E-03	-1.516E-03	-1.827E-03	-1.735E-03	-1.717E-03	-1.869E-03	-1.714E-03	-1.630E-03	-1.772E-03	-1.886E-03	-1.839E-03	-1.718E-03	-1.9645-03	-1.877E-03	-1.888E-03	-1.580E-03	-1.940E-03	-1.731E-03	-1.702E-03	-1.752E-03	-1.651E-03	1.620	-	┥.	-1.8516-03
RUBBER C.25 C.25 C.25 C.25 74.00 28.45	ENGLISH UNITS	VELOCITY	FT/SEC	-3.677E-03	-3.780E-03	-3.544 E-03	-3.609E-03	-3-712E-63			-3.325E-03		-3.453E-03	-3.2651-03		-3.432E-03	-2.351E-03	-3.144E-03		-3.371E-03	-3.2116-63	-3.196 F-03	-3.2326-03	-3,2746-03	-3.2296-03	-3.1486-03		÷	-2.558E-03	-3.1656-03	-3.1036-03	-3.1956-03	-3.007F-03
· · · · · · · · · · · · · · · · · · ·	- ENGLI	LENGTH	11	7.21	7.20	7.19	81.7	81.7	7.19	7.19	7.21	7.21	7.21	1.22	7.21	7.21	7.21	7.21	7.22	1.21	7. 19	7.19	7.19	7.20	7.21	12.7	7.21	7.22	7.22	1.21	7.52	1.51	7.21
EN IN. FP. FP. S.		TENSICN	18 8	590	970	910	200	100	1.003E 00	03E	02E	02E	02E	1 0025 00	02E	02E	02E	02E	36	100	100	04E	CAE	02E	02E	03E	035	CZE	02E	235	275	0.3E	1.004E 00
WINCE FARMET CABLE FAI CIRECTION CECELERAT CECELERAT FUN TIVE:		ANGLE	CEG	345.6	345.5	345.4	345.5	344.6	345.0	344.5	345.€	345.1	345.0	345.0	345.6	345.0	345.1	345.0	345.0	345.0	344.	345.0	345.6	345.6	345.0	345.0	345.€	345.0	345.0	345.0	342.0	345.1	344.9
5.		1 1 1 1	SEC	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0			0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
TEST NG		RCJR TIME	SEC	0.0	0.100	C-200	0.300	0000	009.0	0.700	0.800	0.900	1.000	1.100	1.300	1.400	1.500	1.600	1.700	1.800	2.000	2.100	2.200	2.300	2.400	2.500	2.600	2.700	2.800	2.900	3.000	3.100	3.300

EXPERIMENTAL CATA

			LENGIN	VELUCITY	ALLEL.	IENSICA	LENGIF	VELUCITY	ACCEL.
SEC SFC	066	185	1.	FT/SEC	F1/SEC/SEC	GRAP	t	CM/SEC	CM/SEC/SEC
	344.6		7.21		-1.535E-03	4.551E 02	15 EE	-9.145E-02	-5.899E-02
3.500 0.0	344.5		7.30	-2.875E-03	-	.550€		-8.762E-02	-5.766E-02
	344.5		7.19	-2. E96E-C3	-1.526E-03		1770	-8.826E-02	-5.869E-02
	345.6	1.003€ 00	7.19	-3.099 E-03	-1.998E-03	4.549E 02	2.191E 02	-9.447E-02	-6.090E-02
	345.6		7.19	-2.597E-C3	-1.901E-03	384G	-	-9.135E-02	-
	345.0		7.20	-3.088E-03	-	550E	05	-9.413E-02	-5.854E-02
	345.6		7.21	-2.878E-03	-1.694E-03	364S	05	-8.772E-02	~
	345.1		7.22	-2.557E-C3	-1.905E-03	344E		-9.012E-02	-5.808E-02
	345.1		7.22	-2.520E-03	-1.730E-03		05	-8.855E-02	-5.272E-02
	345.1		7.23	-2.876E-C3	-1.838E-03	543E		-8.767E-02	-5.6CIE-02
	345.2		7.22	-2.584E-03	-1.751E-03	49E	2.201E 02	-9.096E-02	-5.336F-02
	345.0		7.21	-2.891E-03	-1.577E-03	4.548E 02		-8.811E-02	-4.808E-02
	345.2		7.23	-2. 588E-03	-1.766E-03	48E		-9 . 108E-02	-5.383E-02
	345.1		7.21	-2.862E-03	-1.903E-03	4.542E 02		-8.723E-02	-5.800E-02
	345.1		7.21	-3.040E-03	-1.825E-03	45E	2.15EE C2	-9.265E-02	-5.574E-02
	345.6		7.22	-3.C74E-03	-1.9126-03	550E	della	-9 -371E-02	-5.827E-02
	344.5		7.20	-3.075E-03	-1.595E-03	w	-	-9.373E-02	-6.080E-02
	344.5		7.21	-3.074 E-03	-1.869E-03	4.549E 02	315	-9.368E-02	-5.697E-02
	344.5		7.19	-3.103E-03	-1.735E-03	4.550E 02	-	-9.459E-02	-5.289F-02
	345.0		7.20	-2.844E-03	-1.789E-03	47E	2.15EE 02	-8.668E-02	-5.452E-02
	345.6		7.21	-2.7936-03	-1.7766-03	364		-8.514E-02	-5.412E-02
	345.1		7.22	-2. C84E-C3	-1.88 7E-03	446		-9.400E-02	-5.751E-02
	345.1		7.22	-2.884 E-03	-1.8106-03			-0.751E-02	-5.518E-02
	345.1		7.23	-2.743E-03	-1.631E-03		2°504E 05	-8.362E-02	-4.973E-02
	345.1		1.23	-2. /8/1-03	-	445		-8.494E-02	
	345.1		77.7		-1.668E-03		2.202E 02	-1.5C/E-02	-5.083E-02
	345.0		77.7	-2. role-03			_	-8.234E-02	-4.754F-02
	342.1		77.7	-2-89-2-03	ᡱ.		20 TITO 02	-9-00-1-07	-5.071E-02
200	345.1	1.00ZE 00	7.33	2 3015 63	:.	4.5466 02		-8-5156-02	-4.781E-02
	343.6		7.33	-2. /OLE-C3	:.	2000			-4.43E-02
	345.0		77.33	2 7305-03	-1.772E-03	2000	2.20CE 02	-8.212e-02	-5.400E-02
	342.0		1. 22		:.			20-3446-0-	- 5.388E-02
	345.0		77.7	-2-1125-03	-1.819E-03			-8-200E-02	-5-5281-02
	342.0		17.7	-3-103E-03	1.19		70 196 07	-9-459E-02	-2.469E-02
	343.6		170,	-2.169E-03	7.1.1	2206		91116-0	•
	345.1		1.51		:		-	-9.452E-02	2
	345.1		7.21	-2.901E-03	-1.801E-03		2. 155E 02	-3.843E-02	-5.488F-02
	345.1		7.22	-2.790E-03	-1.799E-03		2.200E 02	-8.504E-02	-5.483E-02
	345.1		7.22		-1.645E-03		2.202E 02	-8.3COE-02	-5.014E-02
	345.2		7.24	-2. £27E-03	-1.742E-03			-8.CC8E-02	-5.309E-02
	345.2		7.23	-2.658E-03	-1.693E-03	4	350	-8.101E-02	-5.159E-02
	345.1		7.23	-2.645E-03	-1.675E-03	4.541E 02	046 0	-8.062E-02	-5.105E-02
	345.1		7.24	-2.684E-03	58 €	4.5446 02	.2CEE 0	-8.180E-02	+
	345.0		7.22	-2. 793E-03	554	545E	2.202E 02	-8.514E-02	-4.737E-02
	345.1		7.23	.713	4	3575	204E 0	: 231	. S. 0035-02
							۱		70.07

EXPERIMENTAL CATA

RCCA TINE	TI PE	ANGLE	NOT SMAL	LENGIH	AET OF LIL	ACCEL.	IEN31CH	LENGIL		ALLEL
SEC	SEC	DEC	185	FT	F1/SEC	FT/SEC/SEC	GRAP	3	CMISEC	CM/SEC/SEC
9.000	0.0	345.2	1.001F 00	1.22	-3.043E-03	-1.6815-03	4.542E 02	62	-9.275E-02	-1236-
8.100	0.0	345.1	1.052E 00	7.23	2. 706 E-	-	.545€		-8-249E-02	-5.46 IE-02
9.200	0.0	345.0	1.002E 00	7.23	-3.CS6E-C3	-1.774E-03	. 545E	05	-9.437E-02	
8.300	0.0	345.0	02E	7.21	-3.037 E-03	-1.7835-03		62	-9.255E-02	
8.430	0.0	345.6	C 3E	1.22	-2.570E-03	8		05	-9.054E-02	-5.655E-02
8.500	0.0	345.1	320	7.21	-3.020E-03	-1.869E-03		-	-9.206 E-02	-5.697E-02
8.500	0.0	345.1	523	1.22	-2.721E-03	8			-8.293E-02	-5.538E-02
8.700	0.0	345.1	C15	7.22		-1,766E-03	_		-8-416E-02	-5.383E-02
E. 90C	0.0	345.1	02 E	7.23	-2.735E-03			2.203E 02	-8.337E-02	-5.2336-02
8.900	0.0	345.2	C 1E	7.24	-2.711E-03	-1.746E-03		1-77	-8.263E-02	-5.321E-02
9.000	0.0	345.1	CZE	7.23	-2.633E-03	-1.719E-03		05	-8.025E-02	-5
5.100	0.0	345.1	110	7.24	-2.630E-03	-1.550E-03	4.540E 02	05	-8.018E-02	•
9.200	0.0	345.1	02E	7.23	-2.334E-03	-1.630E-03		05	-7.114E-02	-
6.300	0.0	345.1	920	7.23	-3.020E-03	-1.58 EE-03		05	-9.204E-02	•
004.6	0.0	345.1	SIE	7.24	-2.623E-03	4		05	-7.556E-02	-
6.500	0.0	345.1	1.002E 00	7.22	-2.921E-03	-1.577E-03	4.543€ 02		-8.902E-02	-4.806F-02
309.5	0.0	345.2	910	1.23	-2.925E-03	-1.633E-03		05	-8.917E-02	-4.978E-02
2.700	0.0	345.1	03E	7.24	109 E	-1.643E-03		20	-8.256E-02	-5.007E-0
9.800	0.0	345.1	920	1.22	-2.725E-03	-1.730E-03		05	-8.305E-02	-5.272E-02
2.900	0.0	345.1	1.002E 00	7.22	-2.432E-03	-1.682E-03		05	-8.023E-02	-5.127E-02
0.000	0.0	345.1	CZE	7.22	-2.693E-03	-1.7976-03	-	02	-8.2(7E-02	-5.476E-02
0.100	0.0	345.2	02E	7.23	-2.791E-03	-1.785E-03		05	-8.506 E-02	-5.442E-02
0.200	0.0	345.6	1.001E 00	7.22	-2.498 E-03	-1.64 IE-03		05	-7.613E-02	-5.002E-02
0.300	0.0	345.2	CIE	7.22	-2.687E-03	-1.6746-03		05	-8.190E-02	-5.103E-02
000		342.6	370	47.7	-2.6554-03	:		70	-8-094E-02	÷.
2000	0.0	343.6	110	52.5	;	÷,		20	-8. 266E-02	:
2000		345	110	7 20	-2.289E-03	.70.1	3416	70	-1-890E-02	-4.9511-0
100		342.6	100	2.00	•	÷.		70	-9. IZUE-02	-5.16ZE-0
306.0		3420	1.00 ZE 00	1.63	-2.881t-03	:.	4.54.38.02	2.203E 02	-8-181E-02	-5.272-02
		346 3	410	7 36		:.		35	70-1007-0-	-4.899
200		345.0	00 11001	7 34	-26131-03	-1.5145-03		36	-8.573E-02	-4.63 15-0
200		345.2	300	7 22	•	: -	20 3046.4	30	20-3711-0-	100000
300		346	320	7 24		: -		3 6	0 4446	2000
200		146	320	7 22	-2 6776-03	:.			70-36000	-3.49.4E-02
200		345	300	7 33		: .		0.0	20-3000	1000
000		3420	270	7 33	ve	10001		70	-8-209E-02	-2.0511-0
000		346	200	7 33	2 44.05			25	-8.550E-UZ	70.36.05
		346	370	7 33	01010	:.		36	70-3717-0-	-30 1185-0
006-1		342.6	"	1.62	-2.234E-03	:		75	70-164-07	-3-132-0
000		242.3	"	2.33	0-32CC	:.		75	-1. /BUE-02	70.75.00
000.7	0.0	342.6	0 220		-2.545E-03			70	-1.150E-02	-4.2091-02
2.100	0.0	345.3	0 200	~	-2.419E-03	:		1200	-7.372E-02	-4.545E-02
2.200	0.0	345.2	1.001E 00	2	4	-			-7.416E-02	-4.774E-02
2.306	0.0	345.6	0 510	1.24	•	-1.451E-03		2C7E	-7.767E-02	-4.423E-0
2.400	0.0	245 2	0	•						
		217.3	00 3000-1		-2.826E-C3	-1.449E-US	4. 538E UZ	2.201E 02	-8-614E-02	0-1614-4-

EXPERIMENTAL CATA

RCOR	RCA	csct.	TENSICA	LENGTH	VELOCITY	ACCEL.	TENS ICN	LENGTE	VELOCITY	ACCEL.
SEC	SFC	ANGL E DEG	185	14	FT/SFC	F1/SEC/SEC	GRAP	t	CP/SEC	CH/SEC/SEC
2.400	0.0	3.45	913	7. 26		-1 4236-03		•	0.3011	-4 3345-03
2.700	0.0	345.2	110	7.24	-2.535F-03			0	!	102E-
12.800	0.0	345.0	1.001 00	1.23	-	58	4.538E 02	2.2C4E 02	OG CE-	7.4916 0
5.900	0.100	344.5	-386	1.23	568		.535E	0	1.374E 00	327
3.000	0.200	345.4	02E	7.23	.881	155	.547E			-4.746E 0
3.100	002.3	345.1	02E	7.25	-		394		827	-7.631E 0
3.200	0.0	345.4	02E	7.23	439		36		1	-4.799E 0
3.300	0.0	344.€	-306	7.24	-3.703E-03	-5.526E-02			.1.	-
9.400	0.0	345.6	S7E-	7.23	570	-1.813E-03			-9859.	-5.525E-0
9.500	0.0	345.5	025	7.24	4.814	1.3G2E-02	4.546E 02			3.969 ₹-0
3.600	0.0	345.5	CZE	7.25	-3.559E-03	.020		2.2	-1.065E-01	3.110E-0
3.700	0.0	345.4	COE	7.25	-2.668E-03	4.405E-03			-8.133E-02	1.3431-0
3.800	0.0	345.3	300	7.25	-2.758E-03	-3.588E-04	386		-8.4C6E-02	-1.216E-0
3.900	0.0	345.2	-355	7.26	-2.637E-03	2.1			-8.037E-02	-6.566F-0
0000-	0.0	345.3	900	7.25	-2.731E-03	-2.192E-03	36E	-	-8.325E-02	-6.682E-0
1.100	0.0	345.2	300	7.26	2.826				-8.614E-02	-6.043E-0
4.200	0.0	345.2	910	7.26	-2.805E-03	-1.573E-03		-	-8.551E-02	-4.796E-0
1.300	0.0	345.3	-386	7.25	-2.500E-03	-1.470E-03		-	-8.840E-02	-4.482E-0
904-4	0.0	345.2	-385	1.24	-2.795E-03	-1.533E-03			-6.515E-02	-4.673E-0
1.500	0.0	345.2	300	7.25	-2.659E-03	-1.4396-03	100		-8.106E-02	-4.386E-0
009-	0.0	345.1	300	7.24	2.888			-	-8.804E-02	-4.708F0
4.700	0.0	345.2	CIE	7.24	-2.577E-03	-1.572E-03	.540E		-7.256E-02	-4.791E-02
. 800	0.0	345.1	910	7.23	2. 166	-1.1496-03	_	_	-8-430E-02	-5.331F-0
206-	0.0	345.2	OIE	7.23	-2.741E-03	-1.685E-03	-		-8.354E-02	•
0000	0.0	34506	CIE	1.23	-2.8/3E-03	-1.687E-03			-8-757E-02	'
001-0	0.0	343.2	OIE	1.23	-2.E1/E-03		-	-	-6.587E-02	•
3000		24206	110	7 36	201010-7	-1-411-03 -1-4-11-03	200		20-3711-B-	1
000		345 2	Toole of	7 25	-2 4106-03	-1-2005-03	4 54 35 02	2 2005 02	7 3456-02	'
200		346.3	200	7.28	-2 4436-03	-1-410E-03			-7.446E-02	
200		346.3	3 6	7.24	-2.5316-03	1 4406-03	-		7 7146-02	1
200		346.2	100	7.25	-2.705E-03	-1.36 CF-03	1	3010	-8.2445-02	
2.800	0.0	345.2	89E-	7.26	-2.880E-03	-1.3866-03	-	2.214E 02	-8-779E-02	-
006-9	0.0	345.2	98E-	7.24	N	-1.4596-03	9	COF	-8-450E-02	•
9.000	0.0	345.3	94E-	7.25	2	-1.715E-03	336		-8.141E-02	-5
9.100	0.0	345.3	SIE-	7.24	-3.1036-03	-1.685E-03			-9.457E-02	-
9.200	0.0	345.1	910	7.24	-2.ESIE-03	-1-532E-03			-8.691E-02	•
1.300	0.0	345.1	- 385	7.23	-3.025E-03	-1.510E-03			-9.221E-02	7
9.400	0.0	345.1	1.001E 00	7.23	-2.760E-03	-1.58 EE-03	4.541E 02	2.203E 02	-8.4136-02	7
9.500	0.0	345.2	300	7.22	-2.805E-03	-1-592E-03			-8.551E-02	•
6.600	0.0	345.2	COE	7.23	-2.716 8-03	-1.7746-03			-8.278E-02	-5-
9.700	0.0	345.3	900	7.24	-2.759E-03	=			-8-408E-02	•
9.800	0.0	345.2	910	7.25	-2.498E-03	ċ			-7.613E-02	ī
9.900	0.0	345.3	COE	7.26	-2. 534E-03	-1.4986-03			-1.723E-02	•
2.000	0.0	245 4	200	7 26	2000					
		24704	200	1.623	57-1001-7-	-1-40 BE-03			-8-438E-02	70-3762-6-

EXPERIMENTAL CATA

PCD9	RLN	uscı.	TENSICA	LFNGTH	VELOCITY	ACCEL.	TENSICK	LENGTH	VELGCITY	ACCEL.
SEC	SEC	CEC	LBS	FT	F1/SEC	F1/SEC/SEC	GRAP	t	CP/SEC	CH/SEC/SEC
17.200	0.0	345.3	0	7.25	-2.9291-03	-1.408E-03	4.537E 02	. 211E	.525	-4.292E-0
17.300	0.0	345.3	-900F-	7.26	-2.480E-03		331E	214E	.559	-4.381E-02
17.466	0.0	345.3	.001E	7.26	-2.709 E-03	-1.457E-03	35E	. 112E	-8.256E-02	-4.440E-0
17.500	0.0	345.1	-3666·	7.24	-2.711E-03	-1.423E-03	.536E	.2CRE	.263	-4.337E-02
17.600	0.0	345.2	-001E	7.25	-2.619E-03	1.462	. 538E	-205E	.583	-4.457E-0
17.700	0.0	345.6	-0C1E	1.25	919	-	.540E	. 11E	.578	4.329E-
17.800	0.0	345.0	-0CCF	7.25	-2.788E-03	1.56	.5386	-209€	•	;
17.900	0.0	345.2	-0000	1.24	128	1.5	538E	-2C7E	312	4.84 OE-
18.000	0.0	345.2	•	7.24	-2.729E-03	-1.802E-03	38E 5	.2CEE	.317	-5.493E-0
18-100	0.0	345.2	.001E	7.23	-2. t33E-03	:	126	.203E	-8.025E-02	-4.666E-0
18.200	0.0	345.3	.000€ 0	7.23	-2.408E-03	-1.612E-03		.2C4E	-7.340E-02	-4.914E-0
18.300	3.0	345.3	SCCE.	7.24	-2.386E-03	-1.498E-03		-2C .	-7.274E-02	-4.565E-0
16.400	0.0	345.4	-999E	7.25	-2.544E-03	-1.505E-03	35E	.210E	-7.755E-02	-4.587E-0
18.500	0.0	345.4	-3966·	7.26	-2.309E-03	-1.3256-03	346	.212E	-7.038E-02	-3769.
18.600	0.0	345.4	1 55°	1.26	-2.503E-03	-1.43 EF-03	356	.211€	-7.630E-02	-4.378F
18.700	0.0	345.4	.986E-0	1.27	-2.379E-03	-1.337E-03		-214E	-7.252E-02	076E-
18.800	0.0	345.3	-000E	1.26	-2.618E-03	-1.402E-03	371	.213E	.578	
18.900	0.0	345.3	6	7.26	-2.432E-03	-1.490E-03	390	.213€	*	-4.5411-0
15.000	0.0	345.3	-3782.	7.26	-2.398E-03	-1.390E-03		-214F		-4.236E-02
19.100	0.0	345.5	-3855.	7.25	-2.643E-03	-1.3336-03			-8.055E-02	-4.062E-0
19.200	0.0	345.6	.002E	7.25	-2.498E-03	:	146		-7.613E-02	-4.786E-0
19.300	0.0	345.2	000	7.25	-2.504 E-03	4.	386		-7.632E-02	
19.400	0.0	3420.2	-001E	1.29	V	1.52	3116		-8.3936-02	-4.639E-0
19.500	0.0	342.4	-0000	1.64	-2.6025-03	٠.			-1.9325-02	÷.
19.000		345.2	200	7.26	-2 6695-03	-1-2245-03	4.2300 02		-8.04 IE-02	1
16.800		346.4	9100	7.24	•	: .			7.0136-02	٠.
19.900		366.	6.553F-01	7.26		•	4.5326 02	2.2646 02	2. 829E-01	7.0236
20.000	0.100	344.5		7.25	4.803F-02	837	216		1.464 00	1.474.
20-100	0.200	344.7		7.26	9-424 6-02				2.872E 00	1.429E
20.200	0.300	344.6		7.28	1.329E-01	3.588E-01			4.052E 00	1.094E
20.300	0.400	344.7	9.777E-01	-	1.619E-01		100	200	4.935E 00	8.489E
20.400	0.500	344.3	5.7CBE-01	-	1.860 E-01	.452	4.403E C2		5.66EE 00	7.4736
20.500	0.600	344.6	9.644E-01	-	C83	.41	221		6.350E 00	7.364E (
20.600	0. 100	344.0	9.611E-01		2.315E-01	.449			7.055E 00	7.466E
20.700	008-0	344.5	5.568E-01		545E-				7.756E 00	7. 551E
20.800	005.0	344.2	6.589E-01		181	. 504	349€		8.476E 00	7.6326
20.900	1.000	344.6	9.6045-01	7.44	9 E-	=		2.26EE 02	9.159E 00	7.653E
21.000	1.100	343.5	•	1.47	-364Z	484			9.5CZE 00	7.572E
21.100	1.200	343.9		7.51	474E-	•	. 378E		1.0596 01	7.592E 0
21.200	1.300	343.8	•	7.53	708 E-	485			1.130E 01	
21.300	1.400	343.6		7.58	-346E-	467	_		1.203E 01	
21.400	1.500	343.6	9.780E-01	7.62	114	5	436E		1.272E 01	\$
21.500	1.600	2020	•	1.61	*14.	216	4456		1.3456 01	3
21.600	000	34201	•	1.13	4.049E-01	7.463E-01	4.452E 02		1.417E 01	5

EXPERIMENTAL CATA

	NCN	.1350	TENSION	LENGTE	VEL OC 17Y	ACC EL.	TENSICN	LENGTH	VELCCITY	ACCEL.
714E T	1146	ANGLE	98		23775	227 7237 13	1885	:	723747	CHICEFICE
	25.6	חבר	607		r I/SEL	בון אברן אבר			רבונור	רשל שברל שב
Ī	005.	342.6	5.857F-01	7.85	4.996 8-01	.876	4.471E 02	2.291E 02	1.523E 01	3. C10E O
2	0000	343.5	5.869E-01	7.90	5.040E-01	1.565E-02	4.476E 02	2.409E 02	1.536E 01	5.990E-01
7	.100	343.5	10-1158.5	1.55	5.039E-01	-1.211E-02	4.4E7E C2		1.536E 01	-3.691E-01
2	.200	343.5	9.9C7E-01	8.00	5.026E-01	1.4			1.532E 01	-4.436F-01
2	•300	343.9	9.927F-01	8.05	5.C19E-01	٥.	336		530E	-2.437E-01
7	.400	344.1	5.852E-01	8.10	5.016 E-01	9	3134		1.529E 01	-9.220E-07
2	005.	344.1	5.EE7E-01	8.14	5. C17E-01	*	346	П	_	2.27 LE-02
7	009*	344.1	9.862E-01	8.18	5.019E-01	1.880E-03	4.473E C2			5.729 E-02
7	.700	344.6	5.829E-01	8.22	5.019E-01	5.0116-04	1884		530E	1.5276-02
7	.800	344.6	9.752E-01	8.26	5.021E-01	1.241E-03			530E	3.782E-02
7	006	344.0	9.7666-01	8.31	5.0216-01	2-126E-04				9.528E-03
3	000	344.1	5.722E-01	8.36	5. C21E-01	-2.280E-03				-6.950E-0
	001	344.1	9.709E-01	8.41	5.019E-01	-1.52 EE-03			1.5306 01	-5.871E-0
-	1.200	344.2	9.687E-01	8.48	5.020 6-01	-1.024E-03	34E			-3.121E-02
3	1.300	344.1	5.6E3E-01	8.53	5.019E-01	5.035E-04	4.392E 02			1.535E-0
9	004	344.2	9.6ESE-01	8.59	5.021E-01	-4.133E-04	4.353E 02			-1.260E-0
	005.	344.1	9.734E-01	8.62	5.020E-01	-4.528E-04	4.415E C2			-1.380E-0
3	009.	344.2	9.739E-01	8.69	5.022E-01	3.6C1E-04	418E	9		1.0966-0
-	.700	344.2	9.783E-01	8.74	5.022E-01	-5.E89E-04	4.437E 02		1.5316 01	-1.795E-0.
-1	3.800	344.1	5.813E-01	8.78	5.022E-01	-4.874E-04	316			-1.406E-0
3	005-	344.1	9.827E-01	8.83	5.022E-01	-8.5996-04			316	-2.7436-02
•	4-000	344.2	9.854E-01	8.89	5.023E-01	-2.538E-03	4.470E C2			-7.735E-Q
	001 -	344.1	5.8E4E-01	8.53	5. CZ0E-01		836		306	-7.787E-0
	0020	344.1	9.9146-01	8.58	5.018E-01	-1.4246-03			329E	-4.432E-0
	9.300	344.0	10-3245.6	9.03	5.0181-01	9.8335-04				3.0031-0
•	000	344.6	5.947E-01	80.6	5.019E-01	3.06.ZE-05	3710		1.5306 01	9.332E-0
•	2000	344.0	9.9435-01	11.	5.018E-01		3010			2.294-0
•	009	344.0	10-3495·5	9.10	5.021 E-01					-6.2135-0
000.42	007-	344.1	5.944E-01	17.6	5.021E-01		4.5101 02			-2.5071-02
	200	244	10-325-01	7.61	20066-01					
	200	344	9.9025-01	7.53	20016-01	-0.0636-04	4 4655 02	2. 4505 02	10 306 01	7.1136
, «	100	344.2	C. 874F-01	9.42	5.0206-01	-1.6276-03			10.500	4.4526-0
	200	344.	5.870F-01	9.48	5.02 1F-01		4776		1.5306 01	4.6666-0
5	5.300	344.2	9.865E-01	9.53	5.022E-01	1.625E-03			1.5316 01	4.9536-0
	.400	344.1	5.870F-01	9.57	5.022 E-01	-8.492E-04	37.F.		1.531E 01	-2.588E-0
	.500	344.1	5. E 6 5E-01	9.63	5.021E-01		4.475E 02			-2.598E-0
	009.	344.2	9.833F-01	9.67	022E-	2.393E-04	4.460E 02			7.293E-0
	2.700	344.1	5.891E-01	9.72	5.024E-01	2	SPEE			-7.563E-0
	008-	344.1	5.858E-01	9.76		-1.467E-03			1.5316 01	-4.472F-0
	2.900	344.0	9.522E-01	9.80		-	4.500E 02			-5.864F-0
	0000-9	344.1	5.531E-01	9.85	050	2	4.505£ 02			-7.625E-0
	001-	344.1	9.961E-01	9.88	5.019E-01	-1.501E-03	4.518E 02	1110		-4.575F-0
	9.200	344.6	9.571E-01	26.6	1	_	23E			-3.227E-02
9 002 .:	9.300	344.1	1. CGOF OC	9.67	5 020E-01	7-4855-04	CO 346 2 4	3370		2.281E.D
					3030		,,,	37.5		210317

EXPERIMENTAL CATA

RCCP	RUN	rsct.	TENS ION	LENGTH VELOC	VELOCITY	ACCEL.	TENSICA	LENGTH	VELCCITY	ACCEL.
SEC	SEC	LEC	1.85	FT	F1/SEC	F1/SEC/SEC	68.88	à	CM/SEC	CH/SEC/SEC
24.400	6.500	344.2	9	10.01	5.0216-01	-1.1205-03		3.CEFE 02		-3.413E
005-97	6.600	344.1	9.5 EEE-01	10.12	5.022E-01	5.640E-06	30E		1.5316 01	1.7196-04
56.600	6.700	344.1	.95	10.17	5.022F-01	-1.04 2E-03		.100E		-3.180E-02
26.700	008.9	344.2	5	10.23	5.021E-01	•				4.568E-
6.800	006.9	344.1	5	16.27	5.022E-01		502E	1		-3.143F
006 -97	7.000	344.1	ō.	10.32	5.021E-01	-1. 5¢ 5E-03		.145E		-4.771E-
2000-1	7.100	344.2	•	10.36	. 0216	-1.005E-03	4.476E 02	. 155E	1.5306 01	-3.062E-
001.7	7.200	344.2		10.42	5.022E-01	3.682E-04		1000	1.5316 01	1.1226-02
27.200	7.300	344.2		10.46	5.022E-01	1.1536-03			177	3.514E-
27.300	1.400	344.1		10.51	5.022E-01	-6.808E-04	346			-2.075E-02
1.400	1.500	343.5	.79	10.56	5.021E-01	-1.788E-03		W.		-5.449E-02
17.50€	7.600	342.5	3	10.60	5.021E-01	-5.954E-04			1.5306 01	-1.815E-02
17.600	7.700	344.6	10-38LL-5	10.64	5.C21E-01	-7.565E-04		3.2436 02	1.530£ 01	-2.306E-02
7.700	7.800	344.0	5	10.69	5.020E-01	-7.944E-04			-	-2.421E-02
7.800	1.900	344.1		10.74	5.021E-01	•			w	-3.757E-02
17.900	8.600	344.2	9.786E-01	10.80	5.022E-01	-1.951E-03	4.439E 02			-5.948E-02
200 · a	8.100	344.1		10.86	5.021E-01	-2.155E-03			93.	-6.569E-02
28-100	8.200	344.1		10.52	5.020E-01	-1.627E-03			1.530E 01	-4.958E-02
8.200	8.300	344.1		10.57	5.020E-01	2.312E-04	4.466E 02	137	1.5306 01	7.048E-03
306.8	8.400	344.1	44	11.01	•	-6.429E-04		3.257E 02	1.530€ 01	-1.960E-02
8.400	8.500	344.2		11.67	5.021E-01	-5.269E-04		60.	0.00	-1.60EF
8.500	8.600	344.1	9.873E-01	11-11	5.020E-01	5.793E-04		.388E	-	1.766F-02
8.600	8.700	344.6		11.15	5.0216-01	9.829E-05			1.5306 01	2.996€
8.700	8.900	344.5		11.19	5.022E-01	7.009E-05		.412E		2.136F
E. 80C	8.900	344.1	8	11.24	5.023E-01	-3.738E-04			1.5316 01	-1.1396-02
006-87	0000-6	344.1	5.E39E-01	11.28	5. C21E-01	N		-43EE	5316	
000	001.6	344.0		11.33	5. C18E-01	N				-7.0706-02
25.100	002-5	344.0		11.36	5.0196-01	-2.038E-04				213
007-63	9.300	344.0		11.41	5. CZ 1 E-01	1.561E-03		74	1.5306 01	4.757E-02
2000	004-6	344.1	9.778E-01	14-11	5.021E-01	-3.013E-04	326			5
3000	2.500	344.1	S. rele-01	11.52	5.023 E-01	-1.4205-04	4-4278 62	3051GE GE	231	797
000	200	344		11.57	200045-01	200125-04	301		3166	
100	000	344	10-376-0	20011	5 033E-01			3 5436 02	3756	
000	000	344		11.72	6 023E-01	•	100	46	2776	70 30 70
200.00	10.000	344 2	9 724.E-01	20.	•	•	3 4		2316	
000000	10-100	344	G-729F-01	11.85	5. C216-01	10			5306	-4.56.E-
90.100	10.200	344.1	75	11.86		-3.15EF-04	36	3.6216 02		26
36.200	10.300	344.6	5.789E-01	11.92	5.022E-01	48	4.440E C2	3. 635E G2	53.1	4.5216
30.300	10.400	344.1	.80	11.97	5.022E-01	-2.53 EE-04		1	5316	-7.735E
30.400	10.500	344.1	.82	12.02	5.022E-01	-1.858E-03			1.5316 01	563
30.500	10.600	344.6	.fe	12.06	5.021E-01	-9.483€-04	4736		530	-2.890E
30.600	10.700	344.6	.86	11.21	5.02 1E-01	-8.000E-04	36	906 O	530E	-2.438E-02
30- 700	10.800	344.1	5.864F-01	12.15	5.020E-01	7.856E-05		3.762E 02	1.530E 01	2.4076-03
30.900	10.900	343.6	. 8	12.19	5-0216-01	1.9345-05	4-485F D2	3.7146 02	1. BARE DI	E POAF
					10000	20 31.01.	2	•		100

EXPERIMENTAL DATA

RCDR	HUN	CSCL.	TENS ICN	LENGTH VELOCT	VELOCITY	ACCEL.	TENSICA	LENGTH	VELCCITY	ACCEL.
SEC	3,50	PASLE	185	14	FT/SFC	FIZSECISEC	66.28	à	CH/SEC.	CHISECISEC
31.000	11.100	344.1	S.891E-01	12.28	-	-1.56 7E-03	4.486E C2	. 143E 0	1.530E 01	-4.838E-02
31.100	11.200	344.1	5.8E6E-01	12.34	. 022F	.53	346	.761E 0		-4.666E-
31.200	11.300	344.2	9.869E-01	12.35	.022E	1.3586-03	4.476E C2	. 1776 0		4.140E-0
31.300	11.400	344.1	5. EE4E-01	12.45	-	-8 .36 3E-04	34	3.7946 02	1.5316 01	-2.549E-(
1.400	11.500	344.1	9.E42E-01	12.49	.024E	-1.917E-03	4.473E 02	.8C7E 0		-5.538F-C
31.500	11.600	344.1	5.839E-01	.12.54	.024E	-2.626E-04		.823E 0		-8.005E-
009-1	11.700	344.2	5.620E-01	12.60	5.024E-01	-4.488E-04		BADE C	531E	-1.368F
1.700	11.800	344.1	9.758E-01	12.65		-9.644E-04	39	0	531E	2
31.800	11.900	344.1	9.7545-01	12.70	023	243	4 38E	12E C		
31.900	12.000	344.1	9.7715-61	12.76	. 623	-1.499E-03	4326	0		-4.570E-
32.000	12.100	344.1	9.7655-01	12.80	021	6.53	430E	3.9016 02		-4.430E-
32.100	12.200	344.1	5.777E-01	12.64	.020	1.515	4366	3415	1.530E 01	-4.619F-02
.200	12.300	344.1	-3E	12.89	.021E	3.497	4426	929E		.1
32.300	12.400	344.1	-366	12.93	.023E	1.578	45F		1.531E 01	E
32.400	12.500	344.6	5.8C2E-01	12.57	.020		1		520E	-2.834F-02
2.500	12.600	344.0	9.807E-01	13.02	.021	5.62 BF-04	BE		1.530E 01	935F
209.	12.700	344.1	9.8115-01	13.06	.022E	71 3F-	.5	BCE	1.531E 01	
.700	12.800	344.1	5.8C4E-01	13.11	.023E	-1.029F-03	17.99			2
. 800	12.900	344.2	9.813E-01	13.18	022	-1-458E-03	4516			595.4
005-	13.000	344.1		13.23	.023	-1.502F-03	1539		5116	
0000	13.100	344.4	.!.	13.28	025	-2.7C9E-03	56E		1.5316 01	1.258E-
1.100	13.200	344.0	Ţ	13.33	5.021E-01	2.336F-04	SEE		1.530E 01	7.1216-0
33.200	13.300	344.2	5.826E-01	13.38	5.022 E-01	2.5686-03	4.4578 02	4.C78E 02	52 1E	7.829E-
33.300	13.400	344.6	9.8285-01	13.42	970	9.732E-04			531E	2.966F
33.400	13.500	344.1	5.821 €-01	13.48	024E	-3.424E-04	36		3165	
.500	13.600	344.1	5.812E-01	13.52	929	-4.987E-04	4.451E 02		532E	:
009.	13.700	344.1	9.8C7E-01	13.57	023	-1.685E-03	36		3165	-5.746E-02
. 700	13.800	344.1	9.816E-01	13.62	022	.948	4.453E 02		1.531E 01	
. 800	13.900	344.6	5.8C7E-01	13.67	5.021E-01	8.032E-			530E	
33.900	14.000	344.0	9.8136-01	-	.021E	1.	4		31E	-2.240E-02
34.000	14.100	344.6	5.82E-01	13.76	5.022E-01	-9.902E-04	3E		1.521E 01	-3.018E-02
.100	14.200	344.6	9.8C0E-01	13.80	.021	.1.			530E	-4.118F
34.200	14.300	344.1	5.8136-01	13.86	.022	824E-	31E		316	-2.080E
34.300	14.400	344.1	5.821E-01	13.91	5.023E-01	-374E-				-4.189E-
34.400	14.500	344.1	9.819E-01	13.55	5.021E-01	1.			31E	J.
34.500	14.600	344.1	5.830E-01	14.03	5.023E-01	m			531E	1745
009.	14.700	344.1	9.838E-01	14.67	5.023E-01	-1.55 7E-03	4.462E 02		1.5316 01	-4.747E-02
34.700	14.800	344.1	9.825E-01	14.13	.021	-7.549E-04			530E	3
34.800	14.500	344.2	9.637E-01	14.18	5.021E-01	F			1.530E 01	2.394E-02
006.	15.000	344.1	5.6575-01	14.21	.021	-2.006E-04	471E	132E	30E	-6.115E-
2.000	15.100	344.1	9.8675-01	14.26		.041			531E	-3.173F
2.100	15.200	344.1	5.864E-01	14.32	5.022 E-01	7.154	136	3646		-2.181E
2.200	15.300	344.1	5.852E-01	14.35	. 023	5.177E-04		374E	531E	191
€.30€	15.400	344.6	5.899E-01	14.40	.023		393	365E	1.531E 01	N
35.400	15.500	344.6	5.8585-01	14.44	623	232	3064	402E	531E	-

EXPERIPENTAL CATA

TIPE	ANGLE	TENS ION	LENGTH	VELOC 17Y	ACCEL.	TENSICA	LENGTH	VELOCITY	ACCEL.
SEC	950	188	F1	F1/SEC	F1/SEC/SEC	GF FP	t	CM/SEC	CM/SEC/SEC
15.700		315E	14.54	5.022 E-01	-9.950E-04	4.4EEE 02	4.432E C2	w	-3.033E-02
15.800	344.6	•	14.58	5. 022F-01		Times.	4.44E 02	1.531E 01	-4.054E-02
15.500		-	14.63	5.C23E-01	•		4.46CE 02		-1.8476-02
16.000			14.68	5.022E-01	2		4.475E CZ		-7.436E-02
10.100			14.14	5.023E-01	v .		4.494E 02	5316	-6-812E-02
16-200			14.68	5-021E-01	-1.2651-03		4.505E 02		-3626
16.300	344.	7.8418-01	14.63	5 0235 01	*0-31c1.7	4.404E 02	4.52CE 02		6.3575-03
000			14.63	. UCCE-	201105-0				20-36-6-1-
16.500			14.53	3.022 E-01	-1.62 JE-03		4. :: 4E 02		70-194
10.00		10-326905	35.61	- 0216-	-3./8/E-05				-1.154E-03
16.700			15.02	- 622E-	-7.356E-04				-2.242E-02
15.800			15.08	-022E-	-7.533E-04				-2.296E-02
10.900			11.51	-021E-	-5.656E-04		4.6C6E 02		-1.724F-02
17.000			15.16	-3220.	-9.185E-04		4.619E 02	_	-2.799E-02
17.100			15.21	-020E-	01 -6.010E-04		_		-1.632F-02
17.200			15.25	-C20E-	-3.303E-05			530E	-1.007E-03
17.300			15.28	-021E-	1.532E-03	300	ш		4-671F-02
17.400		-	15.33	5.022E-01				531E	-5.697E-03
17.500			15.37	5.C23E-61	-			531E	-5.157E-02
17.600		9.861E-01	15.44	5.024 E-01	-7.187E-04			SILE	-2.190E-02
17.700		5.E43E-01	15.49	5.023E-01	-5.696E-04	4.465E 02	4.721E 02	531E	-1.736E-02
17.800		à	15.54	5.024E-01	-1.05 EE-04			531E	-3.340E-03
		(E)	15.59	5.025E-01	-3.198E-04				-9.7496-03
18.000		5.819E-01	15.64	5.024E-01	-1.722E-03			531E	-5.248E-02
		•	15.70	5.022E-01	-1.532E-03				-4.668E-02
19.200		4	15.74	5.0236-01	-7.912E-04	55E		531E	-2.411E-02
18.300		m	15.79	5.023E-01	-1.474E-04			531 E	-4.494E-03
18.400			15.84	5.023 E-01	-1.100E-03			331E	-3-352E-02
18.500			15.65	5. C22E-01	-2.452E-03	4.470E 02			-7-473E-02
18.600			15.53	5.020E-01	-1.030E-03			30E	-3.138E-02
18.700			15.58		-4.488E-04			530E	-1.366E-02
18.600			16.02	5.020E-01	-5.825E-04	36		530E	-1.775E-02
18.900		5.863E-01	16.06	5.021E-01	-4.528E-04				-1.300E-02
19.000			16.10	5.021E-01	-1.076E-03		_	S30E	-3.278E-02
19.100			16.15	5.021E-01	-1.483E-03			3165	-4.52 1E-02
15.200		m	16.21	5.020E-01	-5.978E-04		4.540E 02		-1.822E-02
19.200			16.25	5.022E-01	1.0186-03		3565	5316	3.102E-02
19.400			16.32	5.622E-01	-1.047E-04		4.573E 02	5316	-3.192E-03
19.500			16.36	5.022E-01	-5.825E-04		4.58 EE 02	w	-1.775E-02
		9. £ £ 5E-01	16.40	5.022E-01	-2.546E-04		3000	531E	-7.760E-03
19.700			16.47	5.022E-01	.942	3€		100	-3.030E-02
19.600	344		16.50	5.022 E-01	.635	3494	5.03CE 02	1.531E 01	-4.985E-03
006*61	344		16.56		.090		047E	.5316	-2.161F-03
20.000	344	5.779E-01	16.61	5.022E-01	156	4.436E 02	5. CE4E 02	5316	-9.626E-03
40.000 20.100	344		16.66		966-	375	S-037F 02	-	1
			,	,					

EXPERIMENTAL CATA

		TENS TON	FNGTH	GTH VELOCITY	ACCEL.	TENSTON	LEAGTE	VELCCITY	ACCEL
RCDR RUN		-							
		w							
	50 DEC	:c 1.85	-	F1/SFC	F1/SEC/SEC	GRIP	ð	CM/SEC	CM/SEC/SEC
4C.26C 26.	26.300 344	177.6 3.	16.75	5.021F-01	1.2735-04	4.43 ¿E C2	5. ICEE 62	1.531E 01	3.880E-03
		5.	16.79	5.021E-01	-1.726E-03		5.1186 02	1.530E 01	-5.260E-02
	500 343	1.5 9.750E-01	16.83	5.020E-01	-1.512E-03	4.441E C2	5.131E 02	1.530€ 01	-5.827E-02
			16.86	5.0188-01	-1.4981-03	4.433E C2	5. 140E 02		-4.565E-02
			1 16.52	5.020E-01	-5.140E-04	4.4416 02	5.1576 02	1.530E 01	-1.567E-02
	800 344		16.58	5.020E-01	-1.305E-04	4.44E 02	5.177E 02		-3.978E-03
		-	17.64	5.021E-01	-3.255E-04	4.4396 02	5.154E 02	1.531E 01	-9.921E-03
			17.68	5.022E-C1	-5.749E-04	4.445E 02	5.206E 02		-2.971E-02
	344	1 9.757	17.13	5.022 E-01	-1.717F-03	4.44F 02	5-222F 02	1.531E 01	-5.2336-02
	344	05	17.18	5. C21F-01	-3.279F-04	4.444 02	5.2336 02	1.5306 01	-9.505F-03
			17 23	6 C22E-01	1 2235-03	7 7616 63	2636 03		2 7406.03
		:	11.00	30000	1.233E-03	20 3164.4	3.2536 02		
-17	00		87./1	5.023E-01	6-051E-04	4.457E GZ	5.Zece 02	1.5216 01	1.5045-02
21.	200		17.32	5. C24E-01	-1.089E-03	4.462E 02	5.27et 02		-3.320F-02
21.	200	1.1 9.834E-01	17.37	5.022E-01	-3.182E-04	4.461E 02	5.254E 02	1.5316 01	-9.700E-03
21.	100 344.1		17.42	5.023E-01	-7.058E-04	4.457E 02	5.3CEE 02	1.531E 01	-2.151E-02
21.	008		17.45	5.022E-01	-7.356E-04	4.465E 02	5.320E 02	1.531E 01	-2.254E-02
21.	500 344.6	9.8555-01	17.51	5.022E-01	-6.034F-04	4.470E 02	5.336E C2	1.531E 01	-1.839E-02
22.	000		17.55	5.021E-01	-1.3536-03	4.4766 02	5.2506 02	1.530F 01	-4.123F-02
22.	00	9.862F-01	17.59	5.621E-01	-1.685F-03	4.473F 02		1000	-5.1356-02
22.	002		17.65	5.020F-01	-7.791F-04	4.471F 02	5. 275F 02	1.530F 01	-2.378F-02
22.	300 344.0		17.11	5.021E-01	-1.700F-04	4.4756 02		1.5306 01	-5.181E-03
22.	00		17.76	5.023E-01	-7-71 0E-04	4.482E 02	5.414E 02		-2.350E-02
22.	005	5.850	17.82	5.021 E-01	-2.415E-03	4.486E 02	5.42 JE 02		-7-360E-02
22.	009	344.1 S.858E-01	17.86	5.021E-01	-1.293E-03	4.490E 02	5.445E 02		-3.941F-02
22.	100		17.92	5.021E-01	-1.225E-03	4.488E 02	5.462E 02	377	-3.735E-02
22.	900 344.0		17.57	5.021E-01	-1.531E-04	4.494E 02	5.477E 02		-4.666E-03
22.	006		18.02	5.021E-01	6. 76 BE-05	4.493E 02	5.492E 02	-	2.063E-03
23.	000	2.03	18.06	5.020E-01	-1.043E-03	0	5. 505E 02	2007	-3.180E-02
23.	001		18.11	5.6216-01	-1.196E-03	0	5.520E 02	1	-3.644E-02
23.	200		18.16	5.020E-01	-3.548E-04	4.520E 02	5.5348 02	1.530E 01	-1.203E-02
23.	300		1 18.20	5.021E-01	6.051E-04	4.519E 02	5.5468 02	1.5316 01	1.844E-02
23.	004		1 18.25	5.021E-01	-2.61 0E-04	_	5.561E 02	306	-7.956E-03
23.	200	9.5156	18.29	5.020E-01	-1.242E-03	4.525E 02	5.574E 02	1.530E 01	-3.787E-02
23.	600		18.32	5.019 8-01	-1.297E-04	-	5.5ESE 02		-3.954E-03
23.	200	1,001	18.37	5.0216-01	3.295E-04	0	5.600E 02		1.004E-02
23.	800	1.002E	18.41	5.021 E-01	-3.303E-04	4.546E 02	5.61CE C2	17	-1.007E-02
23.	200	1.0015	18.48	5.022E-01	-7.154E-04		5.6316 02	1.531E 01	-2.181E-02
24.	000		18.53	5.023E-01	-1.956E-03	4.535E 02	5.6466 02		-5.962E-02
24.	001	9.965E-	18.58	5.0216-01	-1-828E-03		5.6636 02		-5.572E-02
24.	200	1.000F	18.65	5.C22E-01	-2.675E-04		5.684E 02		- 8.153F-01
24.	300 344.2	1.001	18.70	5.023E-01	4-129E-04	4.540F 02	5. 700E 02		1.441E-02
24.	400	1.000F	18.75	5.0236-01	-4-488F-04	386	5.715F 02	1.5316 01	-1.368F-02
	500 344	-1619E-	18.80	5.023E-01	-1.996E-03	0	5.730E 02		Ses.
24.		-1 9.563E-	18.85	5.020E-01	-1.543E-03	4.519E 02	5. 144E 02	1.5306 01	-4.703E-02
24.		S. 5.66E	18.90	5.621 6-01	5	4.520E 02	5.761E 03	200	-2.615E-02
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EXPERIMENTAL CATA

RCOR 1.45	NO.	NSCL.	TENS ICN	LENGTH	VEL 3C 11Y	ACC EL.	TENSICN	LENGTH	VELCCITY	ACCEL.
SEC	Sec	930	185	FT	FT/SEC	F1/SEC/SEC	CPAP	t	CW/SEC	CM/SEC/SEC
4. EOC	•	44.	-686	18.49	10-3170-5	-2.933E-04	4.521E 02		100	8.939E-
004.44	25.000	34 4.0	115.	19.03	5. C21E-01	-4.576E-04	.523€	5.802E 02	1.530E 01	-1.395E-02
5.00c	2	344.1	.514	19.05		-1.0916-03	34E		-	-3.325E-02
45.10C	u,	343.5	₹5.	19.12	5.019 6-01	-9.926E-04	.515E			-3.025E-02
5.206	2	344.0	9.966F-C1	19.15	5.C19E-01	2.546E-U4	_		1.5306 01	7.76CF-03
336	41	344.6	.97	19.22	5.0196-01	-2.541E-04	3E			-8.9636-03
2. 400	25.500	344.6	5.572F-01	19.26	5.0215-01	-1.0886-03				-3.315E-02
2.300	25.600	344.1	9.9725-01	19.32	5.C22E-01	5. 52 7E-04	-	3188.		1.685E-02
5. 30€	25.700	344.1	96.	19.37		4.109E-05		3205 ·	1.531E 01	1.252E-03
5.700	25.800	344.2	.53	19.45	5. C22E-01	-6.445E-U4				-1.565E-02
5.300	2	344.2	9.9255-01	19.41	5.023F-01	-1.450F-05		39ES		-4.420F-04
3.9€€	26.000	344.1	.52	19.52	5.023E-01	-5.301E-04	4.5628 62			-1.616E-02
0000.9		344.1	. 53	19.59	5.023E-01	-1.6156-03	3534.	.97CE	3	-4.921E-02
6.100		344.1	9.912E-01	19.62	5.021E-01	-1.55 4E-03		3		-4.865E-02
46.200	.,	344.1	.857	19.61	5.021E-01	-4.270E-04	4.489E 02	3555.		-1.302F-02
6.300	. 9	344.1	.901	19.73	5.022E-C1	5.301E-04	_	6.C12E 02		1.616F-02
6.400	;	344.1	.90	19.76	5.022E-01	-7.315E-04		CZZE		-2.230E-02
46.500	26.600	344.1	5.9C2E-01	19.80	5. C19E-01	-5.527E-04			1.530E 01	-1.685E-02
009.9	•	344.6	.916	19.66	5.C21E-01	-1-124E-03		1250	1000	-3.426E-02
9. 700	•	343.5	. 50	19.90	5.021E-01	-1.880E-03			-	-5.729E-02
6.300	26.900	344.6	. 65	19.63	5.C20E-01	-6.856E-04			1.5306 01	-2.090E-02
6.900		343.5	906	19.98	5.021E-01	1.660E-04		186	75.00	5.059E-03
2000		344.0	06.	20.05	5.020E-01	-1.582E-03			1.5300 01	-4. 823E-02
0010		344.1	5.506E-01	20.03	5.0205-01	-1.782E-03		100	75.1	-5.4321-02
3000		344		20.00	5.0206-01	-4-012E-04	4.4545 02	20 3751 7		-1.22.35-02
3.400		164		20.26	S 0216-01	-6.9415-04				1 7005
47.300	27.600	344.1	9-501F-01	20.31	5.027 F-01	-2.731E-04	4.451F 02	4. 18CF 02	1.5316 01	1355-03
7.600		344.	9-5125-61	20.38	5. C22F-C1	4-92 1E-04			100	1. COOF-02
7.700	27.800	344.0	9.925E-01	20.39	5.023E-01	2.369E-04				220E-
7.800	27.500	344.6	5.917E-01	20.45	5.023E-01	-1.515E-04				-4.617F-03
7.900	28.000	344.1	5.6E6E-C1	20.50	5.024E-01	C		36	5316	6.5811-03
9.000	29.100	344.1	5.8E3E-01	20.55	5.023E-01	~			1.5316 01	-3 4 9 S
8.100	B	343.5	5.854E-01	20.58	5.021E-01	-2.140E-03		4	\$ 30E	-6.522E-0
8.200		344.0	9.9C6E-01	20.65	5.C22E-01		.493E	345		-1.535E-0
£.30C		343.9	9.921E-01	20.68	5.0216-01	1.00 7E-03		3C.2E	-	3.0705-0
E . 400	•	344.5	5.521E-C1	20.13	5. C20E-01	-9.663E-04		15E	530E	-2.547E-02
8.500		344.0	.938F	20.78	5.021E-C1	-	36 BE	1336	_	-3.074F-0
8.600	28.700	344.6	5. ¢ 38E -01	20.83	5.0216-01	-1.549E-03	5C8E	34EE	1.530E 01	-4.722E-02
8.700		344.6	- 538E-	20. 68	5.C21E-01	-1.320E-03		3636		-4.025E-02
8. 30C	•	344.1	.0446	20.04	5.021E-01	-7.775E-04			530E	-2.370F-02
8.90c	•	344.1	. 5 £ 3E	50.59	5.021E-01	-1.284E-05		355E		-3.529E-04
0000.6		344.1	.969	21.04	5.C22E-01	-1.4816-03	4.522E 02	146		-4.514F-02
301.5	•	344.6	-695	51.09	0	-	377	. 42 1E	1.530E 01	-5.339E-02
007.6	•	344.1	281	21.15	5. C21 F-01	-7.8951-05	4.527E 02	6.445E 02	1.530E 01	-2.407E-03
200						The state of the s				3 3 3 3 3 3

EXPERIMENTAL CATA

CO.	0801.	TENS ICN	LFNGTH	VELOCITY	ACCEL.	TENSICA	LENGTH	VELOCITY	ACCEL.
Sec Sec	DFG	185		F1/SFC	FT/SEC/SEC	66.00	5	CM/SEC	CH/SEC/SEC
45.466 29.500	344.6	1.000F 00	21.23	5.0216-01	4.1896-05	4.536E 02	6.412E 02		
	344.6	1.0CLE 00	21.28	5. C22E-01	3.5215-04	396	•	1.5316 01	1.073E-0
	344.1	9.5 795-01	2		6.510E-04		6. 500E 02		1.9846-0
	344.6	5.549F-01	21.37	5.022 F-01	-5.156E-05	4.513E C2	6.914E 02	1.531E 01	-1.572E-03
	343.5	9.933F-01	2	5.023F-01	-2.546E-04	3905.	6.53CE 02		-7.760E-0
	344.6	5.919E-01	21.40	5.022 E-01	-1.802E-03	4.45SE C2	4.54CE 02		-5.493E-0
	344.6	5.654E-01	21.50		-2.205E-03		6.552E 02		-6.721E-02
	343.5	9.905F-01	21.54		-1.760E-03		6.565E 02		-5.425E-0
	344.1	9.876F-01	21.60	5.021F-01	-4.963E-04		6.584E 02		-1.5135-02
	344.6	5.858E-01	31.66	5. 022E-01	7.920E-04	471E			2.414E-02
		9.831F-01	21.11	5.C22E-01	-6.123E-04		6. £17E 02	1.531E 01	-1.866E-0
		5.822E-01	21.17	.023E-01	-4.971E-04	5 SE			-
		9.835E-01	21.62	10-	-7.541E-04	-			N
		5.840E-01	21.87	.022E-01	-1.371E-03	4.463E 02	6.66E 02	1.5316 01	-4-180E-02
		9.831E-01	21.52	-	-1.136E-03	459E			-3.462E-0
		9.831E-01	21.97	C20E-01	-5.821E-04				-2.993E-0
		5.847E-01	22.01	-	-1.3546-03	467E		1.530E 01	-4.128F-02
		9.855F-01	₹2.06	.C19F-01	-8-717E-04				-2.657F-0
		9.877E-01	22.09	5.019E-01	-8.862E-05			1.5306 01	-2.701E-0
		9.919E-01	22.13	5.0206-01	8-765E-04			1.530E 01	2.672E-0
		9.9315-01	22.18		-4.479E-04			1.530E 01	-1.365E-02
		9.963E-01	22.22	610.	2.45 BE-05			1.530E 01	7.613E-0
001-16 009	344.6	5.5 70E-01	22.26	5.020E-01	1.002E-03	4.523E 02	6.784E 02	1.530E 01	3.055E-02
		5.585E-01	22.30	5.C21E-01	-4.165E-04		_	1.530E 01	-1.270F-02
		9.584E-01	22.36	5.023E-01	-5.221E-04			1.531E 01	-1.591E-02
		5.584E-01	25.40	5.0225-01	-1.211E-03			1.5316 01	-3.691E-0
		9.954E-01	22.46	.022	-1.868E-03				-5.695E-0
		9.956F-01	25.52	.021	-1.807E-03		6. tt 2E 02		-5.508F-0
		5.960F-01	22.57	5.020E-01	-2.129E-03				-6.490E-C
		9.968E-01	22.61	.021	1.577E-03				6-026F-C
		5.567E-01	22.67	5.022 E-01				1.5316 01	-1.473E-04
		9.557E-01	22.12	022	-5.559E-05				-1.694F-03
		1.000F 00	22.17	-	-4.133E-04			1.531E 01	-1.260E-02
		1.000F 00	22.82	022	-2.436E-03			1. 531E 01	-7.426E-02
		9.9535-01	22.86	5.C21E-01	-1.388E-03			1.530€ 01	-4.231E-0
		5.999E-01	22.90	5.021 E-01	-7.178E-04			1.530E 01	-2.188E-02
		5.587E-C1	\$5.52	610.	-1.662E-03	4.530E 02			-5.066E-02
		9.9915-01	22.58		-1.350E-U3			1.529E 01	-4.236E-02
	344.6	5.583F-01	23.03	5.017E-01	-9.297E-04		7.C2CE C2	1.529E 01	-2.834E-02
		9.5EBE-01	23.07	613.	7.162E-04				2.183F-0
		9.588E-01	23.12	5.020E-01	-30 7E-			1.530 01	-4.592E-03
		5.577E-01	23.17	5.021F-01	2.586E-04	4.525E 02			7.883E-0
		9.990F-01	23.23	5.C22E-01	-25 BE-		۵.		2.517E-0
		9.9926-01	23.29	5.0235-01	-278E-	4.522E G2			-1.304E-02
		1.0016 00	21.11		-4-1736-04	10	1166		-1-2726-0
		000							

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EXPERIMENTAL CATA

1,100 3,44, C 3,43, C 1,13,	RCCP	RUN	CSCL.	TENS ICN	LENGTH V	VELOCITY	ACCEL.	TENSICA	LENGTE	VELCCITY	ACCEL.
1, 10 1, 1	SEC	SEC	DEC	LBS	F1	F1/SEC	F1/SEC/SEC	GRAP	\$	CM/SEC	CM/SEC/SEC
34.200 344.6 9.5056-01 23.47 3.0206-01 -1.2456-03 4.221 62 7.1511 62 1.5510 61 1.5500 344.6 9.5056-01 23.57 5.0231-01 -3.1026-04 4.221 62 7.1511 62 1.5510 61 1.5500 344.6 9.5056-01 23.64 9.5021-01 -3.1026-04 4.221 62 7.1916 62 1.5510 61 1.5510 61 1.5500 344.6 9.5021-01 23.64 9.5021-01 -1.2456-03 7.221 62 7.1316 62 1.5510 61 1.5510 61 1.5510 62	54.000	34.100	344.6	5.993E-01	23.42	5.0225-01	-	4.523E CZ	36	53.1E	-5.245E-0
34.400 344.0 97665-01 23.51 5.0225-01 2.3165-04 4.5151 02 7.1151 02 1.5311 01 34.400 344.0 97665-01 23.65 5.0225-01 -3.1125-04 4.5251 02 7.1151 02 1.5311 01 34.400 344.0 9765-01 23.65 5.0225-01 -3.1125-04 4.5251 02 7.211 02 1.5311 01 34.400 344.0 9765-01 23.65 5.0225-01 -3.1125-04 4.5251 02 7.211 02 1.5311 01 35.400 344.0 9765-01 23.65 5.0215-01 -2.3615-04 4.5251 02 7.221 02 1.5311 01 35.400 344.0 9765-01 23.65 5.0215-01 -2.3615-04 4.5251 02 7.221 02 1.5311 01 35.400 344.0 9765-01 23.65 5.0215-01 -2.3615-04 4.5251 02 7.221 02 1.5311 01 35.400 344.0 9765-01 23.67 5.0215-01 -2.3615-04 4.5251 02 7.221 02 1.5311 01 35.400 344.0 9765-01 23.67 5.0215-01 -2.3615-04 4.5251 02 7.221 02 1.5311 01 35.400 344.0 9765-01 23.67 5.0215-01 1.3116-04 4.5251 02 7.221 02 1.5311 01 35.400 344.0 9765-01 24.01 5.0215-01 1.3116-04 4.5251 02 7.221 02 1.5311 01 35.400 344.0 9765-01 24.01 5.0215-01 1.3116-04 4.5251 02 7.221 02 1.5311 01 35.400 344.0 9765-01 24.01 5.0215-01 1.3116-04 4.5251 02 7.221 02 1.5311 01 35.400 344.0 9765-01 24.01 5.0215-01 1.3116-04 4.5251 02 7.221 02 1.5311 01 35.400 344.0 9765-01 24.01 5.0215-01 1.3116-04 4.5251 02 7.221 02 1.5311 01 35.400 344.0 9765-01 24.01 5.0215-01 1.3116-04 4.5251 02 7.221 02	24.100	34.200	344.6	9.575E-C1		3.020E-01	-1.245E-03	4.524E 02	35	5 30E	-3.794E-0
34.400 344.7 \$\circ{6}{5}\circ{6}{2} = 0.23 \circ{6}{2}\$ \circ{6}{2}\circ{6}{2}\$ \circ{6}{2}\circ{6}{2}\$ \circ{6}{2}\circ{6}{2}\$ \circ{6}{2}\circ{6}{2}\$ \circ{6}{2}\circ{6}{2}\$ \circ{6}{2}\circ{6}{2	54.200	34.300	344.0	10-3995-6		5.022F-01	7.396E-04	4.521E C2	353		2.254E-0
34.500 344.	54.300	34.400	344.6	5.55F-C1		023E	2.241E-03	4.5156 02	356		6.829E-0
34.400 34.40 5.465-01 23.44 5.455-01 23.44 5.455-01 23.44 6.455-01 23.45 6.525-01 1.1216-03 4.5256 02 7.216 0 1.5316 01 34.400 34.5 5.777-01 23.6 5.0276-01 23.6 0 7.216 0 1.5316 01 35.000 34.5 5.777-01 23.6 5.0276-01 2.716 0 1.5316 0	24.400	34.500	344.6	13-3415-61	53.55	023E	-3.102E-04		306		-9.454FD
34.700 343.5 \$\circ{5}{6} \circ{6}{6} \circ{6}{2} \cir	£4.5CC	34.600	344.6	C.565E-01	23.64	052	-2.111E-03		OCE	. 531E	-6.434E-0
34.600 343.5 \$5.77F-01 23.7 \$5.021F-01 -1.102E-03 4.5286 02 7.2416 02 1.5308 01 15.5000 343.5 \$5.77F-01 23.7 \$5.021F-01 -2.348E-04 4.5328 02 7.2416 02 1.5308 01 15.5000 344.5 \$5.97F-01 23.7 \$5.021F-01 -2.340F-03 4.5328 02 7.2416 02 1.5308 01 15.500 344.6 \$5.97F-01 23.7 \$5.021F-01 -2.340F-03 4.5328 02 7.2416 02 1.5308 01 15.500 344.6 \$5.97F-01 23.7 \$5.021F-01 -2.340F-03 4.5328 02 7.2316 02 1.5318 01 15.500 344.6 \$5.97F-01 23.7 \$5.021F-01 -2.340F-03 4.5328 02 7.2316 02 1.5318 01 15.500 344.6 \$5.97F-01 24.01 5.021F-01 1.24F-03 4.5288 02 7.3316 02 1.5318 01 15.500 344.6 \$5.97F-01 24.01 5.021F-01 1.24F-03 4.5288 02 7.3316 02 1.5318 01 15.500 344.6 \$5.97F-01 24.01 5.021F-01 1.137F-03 4.5388 02 7.3316 02 1.5318 01 15.500 344.6 \$5.97F-01 24.11 5.021F-01 1.137F-03 4.5488 02 7.3418 02	24.600	34.700	343.5	5.580E-01	m	052	-1.3216-03		176	. 52 1E	-4.C27E-0
35.000 343.5 9.976F-C1 23.76 5.021F-C1 -9.493F-C04 4.525E 02 7.254E 02 1.530E 01 1.55.000 344.6 9.979F-C1 23.6 5.0270F-C1 -2.506F-C3 4.53E 02 7.254E 02 1.530E 01 1.530E 01 35.000 344.6 5.978F-C1 23.6 5.0270F-C1 -2.506F-C3 4.53E 02 7.234E 02 1.530E 01 1.530E 01 35.400 344.6 5.978F-C1 23.6 5.0270F-C1 -2.506F-C3 4.53E 02 7.234E 02 1.530E 01 1.530E 01 35.400 344.6 5.978F-C1 23.77 5.0270F-C1 1.324F-C3 4.52E 02 7.334E 02 1.530E 01 1.530E	24.700	34.800	343.5	5.577E-01	3	5.C19F-C1	-1.122E-03			.530€	-3.42 1E-0
35.000 344.1 9.993E-01 23.6 6 5.017E-01 -2.36E-03 4.332 02 7.235E 02 1.530E 01 1.530E 01 35.000 344.1 9.993E-01 23.6 6 5.017E-01 -2.36E-03 4.332 02 7.235E 02 1.530E 01 35.000 344.1 9.993E-01 23.5 6 5.017E-01 -2.36EE-03 4.32E 02 7.235E 02 1.530E 01 35.000 344.1 9.987E-01 24.01 5.017E-01 1.31EE-03 4.32E 02 7.345E 02 1.530E 01 35.000 344.1 9.987E-01 24.01 5.02E-01 1.31EE-03 4.32E 02 7.345E 02 1.530E 01 35.000 344.1 9.087E-01 24.01 5.02E-01 1.31EE-03 4.32E 02 7.345E 02 1.530E 01 35.000 344.1 9.087E-01 24.01 5.02E-01 1.31EE-03 4.32E 02 7.345E 02 1.530E 01 35.000 344.1 9.087E-01 24.01 5.02E-01 1.31EE-03 4.32E 02 7.345E 02 1.530E 01 35.000 34.1 10.00E 02 24.25 5.02E-01 1.31EE-03 4.345E 02 7.345E 02 1.530E 01 35.000 34.2 1.00E 02 24.25 5.02E-01 1.31EE-03 4.345E 02 7.345E 02 1.530E 01 35.000 34.2 1.00E 02 24.25 5.02E-01 1.35E-03 4.345E 02 7.345E 02 1.530E 01 35.000 34.2 1.00E 02 24.25 5.02E-01 1.35E-03 4.345E 02 7.345E 02 1.530E 01 35.000 34.2 1.00E 02 24.25 5.02E-01 1.35E-03 4.345E 02 7.445E 02 1.530E 01 35.000 34.2 1.00E 02 24.25 5.02E-01 1.35E-03 4.345E 02 7.445E 02 1.530E 01 35.000 34.2 1.00E 02 24.25 5.02E-01 1.35E-03 4.345E 02 7.445E 02 1.530E 01 35.000 34.2 1.00E 02 24.25 5.02E-01 1.35E-03 4.345E 02 7.445E 02 1.530E 01 35.000 34.2 1.00E 02 24.35 5.02E-01 1.35E-03 4.345E 02 7.445E 02 1.530E 01 35.000 34.2 1.00E 02 24.35 5.02E-01 1.35E-03 4.345E 02 7.445E 02 1.530E 01 35.000 34.2 1.00E 02 24.35 5.02E-01 1.35E-03 4.345E 02 7.445E 02 1.530E 01 35.000 34.2 1.00E 02 24.35 5.02E-01 1.35E-03 4.345E 02 7.445E 02 1.530E 01 35.000 34.2 1.00E 02 24.35 5.02E-01 1.35E-03 4.345E 02 7.445E 02 1.530E 01 35.000 34.2 1.00E 02 24.35 5.02E-01 1.35E-03 4.345E 02 7.445E 02 1.530E 01 35.000 34.2 1.00E 02 24.35 5.02E-01 1.25E-03 4.35E-03 7.445E 02 1.530E 01 35.000 34.2 1.00E-03 24.2 1.00E-03 4.35E-03 7.445E 02 1.530E 01 35.000 34.2 1.00E-03 24.2	54. 800	34.500	343.5	9.976E-01	~	5.021E-01	-8.9435-04			.5 30E	-2.726E-0
35.100 344.0 9.935.0 37.100 34.100<	24.900	35.000	343.5	5.991E-01	41	5.C19E-C1	-9.458E-04			.530E	-2.883E-
35.000 344.1	25.000	35.100	344.0	9.993E-01	3	5.C20E-C1	-2.388E-03			.530E	-7.279E-(
35.300 344.6 \$9.8728-01 2.57 \$.0208-01 -8.318F-04 4.528E 02 7.359E 02 1.530E 01 35.500 344.6 \$9.8786-01 2.6.01 \$5.0208-01 -1.218E-04 4.528E 02 7.359E 02 1.530E 01 35.500 344.0 \$9.8786-01 2.6.11 \$5.0218-01 -1.318E-04 4.528E 02 7.359E 02 1.530E 01 35.500 344.0 \$9.8878-01 2.6.11 \$5.0218-01 -1.118-04 4.528E 02 7.359E 02 1.530E 01 35.500 344.0 \$9.8878-01 2.6.12 \$5.0218-01 -1.118-04 4.528E 02 7.359E 02 1.530E 01 35.500 344.0 \$9.8878-01 2.6.22 \$5.0228-01 -1.118-04 4.548E 02 7.359E 02 1.530E 01 36.300 344.0 \$9.848-01 2.6.23 \$5.0218-01 -1.1358-03 4.544E 02 7.458E 02 7.359E 01 36.300 344.0 \$9.848-01 2.6.23 \$5.0218-01 -1.1358-03 4.544E 02 7.448E 02 1.530E 01 36.300 344.0 \$9.848-01 2.6.23 \$5.0218-01 -1.1358-03 4.544E 02 7.448E 0	95.100	35.200	344.6	5.587E-01	23.51	5.017F-01	-2.560E-03				-7.8CZE-
35.400 344.6 \$9.06E-01 24.01 5.02E-01 1.316E-03 4.3226 02 7.3156 02 1.3306 01 1.35.600 344.6 \$9.06E-01 24.01 5.02E-01 1.13289-04 4.3266 02 7.3156 02 1.3306 01 35.000 344.6 \$9.06E-01 24.11 5.02E-01 1.13289-04 4.3306 02 7.3156 02 1.3306 01 35.000 344.6 1.002E 00 24.24 5.02E-01 1.1389E-04 4.3306 02 7.3266 02 1.3306 01 35.000 344.6 1.001E 00 24.24 5.02E-01 1.230E-04 4.5466 02 7.3266 02 1.3306 01 36.000 344.6 1.001E 00 24.24 5.02E-01 1.230E-04 4.5466 02 7.3266 02 1.3306 01 36.000 344.6 1.001E 00 24.24 5.02E-01 1.389E-04 4.5466 02 7.4666 02 1.3306 01 36.000 344.6 1.001E 00 24.47 5.02E-01 1.389E-04 4.5466 02 7.4466 02 1.3306 01 36.000 343.6 1.0002E 00 24.47 5.02E-01 1.336E-04 4.5466 02 7.4466 02 1.3306 01 36.000 343.6 1.0002E 00 24.47 5.02E-01 1.356E-03 4.5466 02 7.4466 02 1.3306 01 36.000 343.6 1.0002E 00 24.47 5.02E-01 1.356E-03 4.5466 02 7.4466 02 1.3306 01 36.000 343.6 1.0002E 00 24.47 5.02E-01 1.356E-03 4.5466 02 7.4466 02 1.3306 01 36.000 343.6 1.0002E 00 24.47 5.02E-01 1.356E-03 4.5466 02 7.4466 02 1.3306 01 36.000 343.6 1.0002E 00 24.47 5.02E-01 1.356E-03 4.5466 02 7.4466 02 1.3306 01 36.000 343.6 1.0002E 00 24.47 5.02E-01 1.356E-03 4.5466 02 7.4466 02 1.3306 01 36.000 343.6 1.0002E 00 24.47 5.02E-01 1.356E-03 4.5466 02 7.4466 02 1.3306 01 36.000 343.6 1.0002E 00 24.47 5.02E-01 1.200E-03 4.5426 02 7.5466 02 1.3306 01 36.000 343.6 1.0002E 00 24.57 5.02E-01 1.200E-03 4.5366 02 7.5466 02 1.3306 01 36.000 344.6 1.0002E 00 24.57 5.02E-01 1.200E-03 4.5366 02 7.5466 02 1.3306 01 36.000 344.6 1.0002E 00 24.52 5.02E-01 1.200E-03 4.5366 02 7.5466 02 1.3306 01 36.000 344.6 1.0002E 00 24.52 5.02E-01 1.200E-03 4.5366 02 7.5466 02 1.3306 01 36.000 344.6 1.0002E 00 24.52 5.02E-01 1.200E-03 4.5366 02 7.5466 02 1.3306 01 36.000 344.6 1.0002E 00 24.52 5.02E-01 1.200E-03 4.5366 02 7.5466 02 1.3306 01 36.000 344.6 1.0002E 00 24.52 5.02E-01 1.200E-03 4.5366 02 7.5466 02 7.5366 01 36.000 344.6 1.0002E 00 24.52 5.02E-01 1.200E-03 4.5366 02 7.5466 02 7.5366 01 36.000 34.5 5.02E-01 1.200E-03 4.5366 02 7.5466 02 7.5366 01 36.000 34.5 5	95.200	35.300	344.6	5.9£2F-01	23.57	5.C19E-01					-2.556F-
35.000 344.0 9.587E-01 24.07 9.021E-01 -13.29E-04 4.3256 02 7.3456 02 1.530E 01 35.000 344.0 9.587E-01 24.11 5.021E-01 -1113-03 7.346 02 1.530E 01 35.000 344.0 9.583E-01 24.24 5.021E-01 -1113-03 7.346 02 1.530E 01 35.000 344.0 1.002E 02 24.24 5.021E-01 -4.346 02 7.34E 02 1.530E 01 36.000 344.0 1.002E 02 24.24 5.021E-01 -4.346 02 7.34E 02 1.530E 01 36.100 344.0 1.002E 02 24.43 5.020E-01 -1.350E-03 4.34E 02 1.530E 01 36.300 344.0 5.022E-01 1.355E-03 4.34E 02 1.350E 02 1.350E 02 1.350E 02 1.350E 02 02 02	55.300	35.400	344.6	5.969E-01	24.01	5.020E-01	1.316E-03				4.013E-(
35.00 344.0 9.987E-01 24.15 5.021E-01 -1474E-04 4.536E 02 7.34E 02.1550E 1.530E 01 35.00 344.1 9.987E-01 24.15 5.021E-01 -1.1356 02 7.34E 02 1.530E 01 35.00 344.2 1.000E 02.424 5.021E-01 -8.049E-04 4.545E 02 7.34E 02 1.530E 01 36.00 344.5 1.001E 02.424 5.021E-01 -1.345E 02 7.41E 02 1.530E 01 36.200 344.5 1.002E 02.443 5.020E-01 -1.345E 02 1.530E 02 1.530E 01 1.530E 02 02 02 02 02 02 02 02	55.400	35.500	344.6	9.576E-01	24.67	021	-1.3296-04				-4.052E-
35,700 344.1 9,585-01 24.15 5,021E-01 1.113E-04 4,554E 02 7,24EE 02 1,530E 01 55.900 343.5 1.002E 00 24.24 5,021E-01 -6.226E-04 4,554E 02 7,24EE 02 1,530E 01 56.000 343.5 1.002E 00 24.24 5,021E-01 -6.226E-04 4,54E 02 7,44E 02 1,530E 01 1.530E 01 36.300 343.5 1.002E 00 24.24 5,022E-01 -1.355E-04 4,54E 02 7,44E 02 1,530E 01 1.530E 01 36.300 343.5 1.002E 00 24.43 5,020E-01 -1.355E-04 4,54E 02 7,44E 02 1,530E 01 1.530E 01 36.300 343.5 1.002E 00 24.43 5,020E-01 1.255E-04 4,54E 02 7,44E 02 1,530E 01 1.530E 01 36.500 343.5 1.002E 00 24.43 5,020E-01 1.255E-04 4,54E 02 7,44E 02 1,530E 01 1.530E 01 24.500 344.6 1.002E 00 24.55 5,022E-01 1.256E-04 4,54E 02 7,44E 02 1,530E 01 1.530E 01 24.500 344.6 1.000E 00 24.55 5,022E-01 -2.135E-04 4,54E 02 7,44E 02 1,530E 01 1.530E 01 1.256E-03 4,54E 02 7,44E 02 1,530E 01 1.250E-04 4,54E 02 7,44E 02 7,44E 02 1,530E 01 1.250E-04 4,54E 02 7,44E 02 1,530E 01 1.250E-04 4,54E 02 7,44E 02 7,44E 02 1,530E 01 1.250E-04 4,54E 02 7,44E 02 7,44E 02 1,530E 01 1.250E-04 4,52E 02 7,54E 02 1,530E 01 1.250E-04 4,53E 02 7,54E 02 1,53	55.500	35.600	344.0	9.987E-01	24.11	621	-1.474E-UA				-4.494E
35.600 344.c 1.0026 00 24.21 5.021E-01 3.118E-04 4.5366 02 7.3906 02 1.5306 01 36.000 344.c 1.0026 00 24.24 5.021E-01 -4.2049c 04 4.546 02 7.4906 02 1.5306 01 36.000 344.c 1.0016 00 24.24 5.022E-01 -4.246 02 7.4906 02 7.4906 02 1.5306 01 36.300 343.c 1.0026 00 24.39 5.020E-01 -1.383E-03 4.5406 02 7.4906 02 1.5306 01 36.300 343.c 1.0026 00 24.47 5.020E-01 -1.383E-03 4.5406 02 7.4406 02 1.5306 01 36.400 343.c 1.0026 00 24.47 5.020E-01 1.032E-03 4.5406 02 7.4406 02 1.5306 01 36.400 343.c 1.0026 00 24.56 5.020E-01 1.032E-03 4.5406 02 7.4406 02 1.5306 01 36.400 343.c 1.0026 00 24.56 5.020E-01 1.032E-03 4.5406 02 7.4406 02 1.5306 01 36.400 343.c 1.0002 00 24.56 5.020E-01 1.032E-03 4.5406 02 7.4406 02 1.5306 01 36.400 343.c 1.0002 00 24.56 5.020E-01 1.032E-03 4.5406 02 7.4406 02 1.5306 01 36.400 344.c 5.996E-01 24.56 5.020E-01 1.030E-03 4.5426 02 7.4406 02 1.5306 01 36.400 344.c 5.996E-01 24.66 5.020E-01 1.030E-03 4.526 02 7.5406 02 7.5406 02 7.5306 01 37.000 344.c 5.996E-01 24.65 5.020E-01 1.030E-03 4.526 02 7.5406 02 7.5306 01 37.000 344.c 5.996E-01 24.65 5.020E-01 1.030E-03 4.536 02 7.5406 02 7.5306 01 37.000 344.c 5.996E-01 24.65 5.020E-01 1.030E-03 4.536 02 7.5406 02 7.5306 01 37.000 344.c 5.996E-01 24.65 5.020E-01 1.030E-03 4.536 02 7.5406 02 7.5306 01 37.000 344.c 5.990E-01 24.65 5.020E-01 1.030E-03 4.536 02 7.5406 02 7.5406 02 7.5306 01 37.000 344.c 5.990E-01 24.65 5.020E-01 1.330E-03 4.536 02 7.5406 02 7.5406 02 7.5306 01 37.000 344.c 5.990E-01 24.65 5.020E-01 1.330E-03 4.5326 02 7.5406 02 7.5406 02 7.5306 01 37.000 344.c 5.990E-01 24.65 5.020E-01 1.230E-03 4.5326 02 7.5406 02 7.5306 01 37.000 344.c 5.990E-01 25.03 5.010E-01 1.230E-03 4.5326 02 7.5406 02 7.5406 02 7.5306 01 37.000 344.c 5.990E-01 25.03 5.010E-01 1.230E-03 4.5326 02 7.5406 02 7.5406 02 7.5406 02 7.5406 02 7.5406 02 7.5406 02 7.5406 02 7.5406 02 7.5306 01 37.500 03 43.5 7.000 343.5 7.000 343.5 7.000 343.5 7.000 343.5 7.000 343.5 7.000 343.5 7.000 343.5 7.000 343.5 7.000 343.5 7.000 24.65 7.000 343.5 7.000 343.5 7.000 343.5 7.000 343.5 7.000 343	55.60C	35.700	344.1	9.583E-01	24.15	5.021 E-01	1.113E-03				3.394E-
35.900 344.5 1.002E 00 24.24 5.022E-01 -8.049E-04 4.545E 02 7.45E 02 1.530E 01 5.6.100 344.5 1.002E 00 24.24 5.022E-01 -1.35E-03 4.544E 02 7.45E 02 1.530E 01 5.6.200 344.5 1.002E 00 24.43 5.020E-01 -1.35E-03 4.544E 02 7.44E 02 1.530E 01 5.30E 01 36.300 343.5 1.002E 00 24.43 5.020E-01 1.552E-03 4.544E 02 7.44E 02 1.530E 01 36.500 344.5 1.002E 00 24.43 5.020E-01 1.552E-03 4.546E 02 7.44E 02 1.530E 01 36.500 344.5 1.002E 00 24.43 5.020E-01 1.552E-03 4.546E 02 7.44E 02 1.530E 01 36.500 344.5 1.002E 00 24.43 5.020E-01 1.552E-03 4.546E 02 7.45E 02 1.530E 01 36.500 344.5 1.000E 00 24.55 5.020E-01 1.552E-03 4.546E 02 7.45E 02 1.530E 01 36.500 344.5 1.000E 00 24.55 5.020E-01 1.252E-03 4.542E 02 7.45E 02 1.530E 01 36.500 344.5 5.020E-01 24.55 5.020E-01 1.208E-03 4.552E 02 7.45E 02 1.530E 01 37.000 344.5 5.020E-01 24.55 5.020E-01 1.208E-03 4.552E 02 7.55E 02 1.530E 01 37.000 344.5 5.020E-01 24.55 5.020E-01 1.208E-03 4.552E 02 7.55E 02 1.530E 01 37.000 344.5 5.020E-01 24.55 5.020E-01 1.208E-03 4.552E 02 7.55E 02 1.530E 01 37.000 344.5 5.020E-01 24.55 5.020E-01 1.208E-03 4.552E 02 7.55E 02 1.530E 01 37.000 344.5 5.020E-01 24.55 5.020E-01 1.208E-03 4.552E 02 7.55E 02 1.530E 01 37.000 344.5 5.020E-01 24.55 5.030E-03 4.552E 02 7.55E 02 7.55E 02 1.530E 01 37.000 344.5 5.020E-01 24.55 5.030E-03 4.552E 02 7.55E 02 7.55E 02 7.55E 02 7.55E 01 37.000 344.5 5.030E-01 24.55 5.030E-03 4.552E 02 7.55E	55.700	35.600	344.6	1. COOE 00	24.21	5. 021E-01	3-1185-04			53CE	9.503E-
36.000 344.C 1.001E 00 24.29 5.022E-01 -6.226E-04 4.541E 02 7.46E 02 1.531E 01 36.200 344.C 1.001E 00 24.38 5.020E-01 -1.381E-03 4.546E 02 7.448E 02 1.530E 01 36.300 343.5 1.002E 00 24.43 5.020E-01 -1.381E-04 4.546E 02 7.448E 02 1.530E 01 36.300 343.5 1.002E 00 24.43 5.020E-01 -1.381E-04 4.546E 02 7.448E 02 1.530E 01 36.500 344.E 1.002E 00 24.43 5.020E-01 1.622E-03 4.546E 02 7.456E 02 1.530E 01 36.500 344.E 1.002E 00 24.56 5.020E-01 1.622E-03 4.547E 02 7.456E 02 1.530E 01 36.500 344.E 1.002E 00 24.56 5.020E-01 -2.067E-03 4.547E 02 7.456E 02 1.530E 01 36.500 344.E 1.002E 00 24.56 5.020E-01 -2.067E-03 4.547E 02 7.456E 02 1.530E 01 36.500 344.E 1.002E 00 24.56 5.020E-01 -2.067E-03 4.547E 02 7.456E 02 1.530E 01 36.500 344.E 1.002E 00 24.56 5.020E-01 -2.067E-03 4.537E 02 7.456E 02 1.530E 01 36.500 344.E 1.002E 00 24.65 5.020E-01 -1.256E-04 4.537E 02 7.556E 02 1.530E 01 36.500 344.E 1.002E 00 24.62 5.020E-01 -1.262E-04 4.537E 02 7.556E 02 1.530E 01 37.300 344.E 1.002E 00 24.62 5.020E-01 -1.262E-04 4.537E 02 7.566E 02 1.530E 01 37.300 344.E 1.002E 00 24.62 5.020E-01 -2.016E-03 4.537E 02 7.566E 02 1.530E 01 37.300 344.E 1.002E 00 24.62 5.020E-01 -2.016E-03 4.537E 02 7.566E 02 1.530E 01 37.300 344.E 1.002E-01 24.56 5.019E-01 -2.016E-04 4.527E 02 7.566E 02 1.530E 01 37.300 344.E 1.002E-01 24.56 5.019E-01 2.002E-04 4.527E 02 7.666E 02 1.530E 01 37.300 344.E 1.002E-01 24.56 5.019E-01 2.002E-04 4.527E 02 7.666E 02 1.530E 01 37.300 344.E 1.002E-01 24.59 5.019E-01 1.128E-04 4.527E 02 7.666E 02 1.530E 01 37.300 344.E 1.000E 01 24.56 5.019E-01 1.128E-04 4.527E 02 7.666E 02 1.530E 01 37.300 344.E 1.000E 01 24.56 5.019E-01 1.128E-04 4.527E 02 7.666E 02 1.530E 01 37.300 344.E 1.000E 01 24.56 5.019E-01 1.128E-04 4.527E 02 7.666E 02 1.530E 01 37.300 344.E 1.000E 01 24.56 5.000E-01 1.241E-03 4.536E 02 7.666E 02 1.530E 01 37.300 344.E 1.000E 01 24.56 5.000E-01 1.241E-03 4.536E 02 7.666E 02 1.530E 01 37.300 344.E 1.000E-01 24.56 5.000E-01 1.241E-03 4.536E 02 7.666E 02 7.666E 02 1.530E 01 37.300 344.E 1.000E-01 24.56 5.000E-01 1.241E-03	55.800	35.900	343.5	1.002E 00	24.24	5.021E-01	-8.049E-04			530E	-2.453F
36-100 344.C 1-001E CG 24-24 5.C21E-01 -1.38 1E-03 4.540E GZ 7-41EE GZ 1.530E G1 1-5.002E GO 24-38 5.020E-01 -1.355E-03 4.540E GZ 7-440E GZ 1.530E G1 1-5.002E GO 24-38 5.020E-01 -1.355E-03 4.540E GZ 7-440E GZ 1.530E G1 1-5.002E GO 24-37 5.021E-01 1.652E-03 4.540E GZ 7-459E GZ 1.530E G1 1-5.003E GO 24-57 5.021E-01 1.652E-03 4.540E GZ 7-459E GZ 1.530E G1 1-5.000 34-2.5 1.0002E GO 24-57 5.021E-01 1.652E-03 4.540E GZ 7-459E GZ 1.530E G1 1-5.000 34-2.5 1.0002E GO 24-57 5.021E-01 1.652E-03 4.5542 GZ 7-459E GZ 1.530E G1 1-5.000 34-2.5 1.0002 GO 24-57 5.021E-01 1.208E-05 4.5542 GZ 7-459E GZ 1.530E G1 1-5.000 34-2.5 1.0002 GO 24-57 5.021E-01 1.208E-05 4.5542 GZ 7-459E GZ 1.530E G1 1-5.000 34-2.5 5.020E-01 1.208E-05 4.5542 GZ 7-459E GZ 1.530E G1 1-5.000 34-2.5 5.020E-01 1.208E-05 4.5542 GZ 7-59E GZ 1.530E G1 1-5.000 34-2.5 5.020E-01 1.208E-05 4.535E GZ 7-59E GZ 1.530E G1 1-5.000 34-2.5 5.020E-01 1.208E-05 4.535E GZ 7-59E GZ 1.530E G1 1-5.020E-01 1.208E-03 4.535E GZ 7-59E GZ 1.530E G1 1-5.020E-01 1.208E-01 4.529E GZ 7-59E GZ 1.530E G1 1.208E-01 24-52 5.020E-01 1.208E-01 4.529E GZ 7-59E GZ 1.530E G1 1.208E-01 24-52 5.020E-01 1.208E-01 4.529E GZ 7-59E GZ 1.530E G1 1.208E-01 24-52 5.020E-01 1.208E-01 4.529E GZ 7-59E GZ 1.530E G1 1.208E-01 24-52 5.020E-01 1.208E-01 4.529E GZ 1.530E G1 1.208E-01 24-52 5.020E-01 1.208E-01 4.529E GZ 1.530E G1 1.208E-01 24-52 5.020E-01 1.208E-01 1.208E-04 4.529E GZ 1.530E G1 1.208E-01 25-23 5.018E-01 1.208E-04 4.529E GZ 1.530E G1 1.208E-01 1.208E-01 1.208E-04 4.529E GZ 1.530E G1 1.208E-01 1.208E-01 1.208E-03 4.536E GZ 1.530E G1 1.208E-01 1.208E-01 1.208E-03 4.536E GZ 1.530E G1 1.530E G1 1.208E-01 1.208E-03 4.536E GZ 1.530E G1 1.530E G1 1.208E-01 1.208E-01 1.208E-03 4.536E GZ 1.530E G1 1.208E-01 1.208E-01 1.208E-03 4.536E GZ 1.308E-01 1.208E-01 1.208E-	55.90C	36.000	344.0	1.001E 00	54.29	5.022E-01	-4.220E-04				-1.896E-
36.200 343.9 1.002E 00 24.43 5.020E-01 -1.335E-03 4.544E 02 7.430E 02 1.530E 01 36.400 343.9 1.002E 00 24.47 5.020E-01 2.103E-04 4.545E 02 7.446E 02 1.530E 01 36.400 342.5 1.002E 00 24.47 5.022E-01 -5.027E-03 4.545E 02 7.456E	26.000	36.100	344.6	1.001E CO	54.34	5.C21E-01	-1.38 35-03				-4.216E-
36.300 343.5 1.002E 00 24.43 5.020E-01 2.103E-04 4.545E 02 7.444E 02 1.53DE 01 36.500 343.5 1.002E 00 24.41 5.021E-01 1.652E-03 4.546E 02 7.445E 02 1.53DE 01 36.500 344.5 1.000E 00 24.51 5.022E-01 -2.057E-03 4.547E 02 7.455E 02 1.53DE 01 36.500 343.5 1.000E 00 24.55 5.020E-01 -2.057E-03 4.557E 02 7.455E 02 1.53DE 01 36.500 344.0 5.98E-01 24.65 5.020E-01 -1.356E-03 4.525E 02 7.53JE 02 1.53DE 01 36.500 344.0 9.99E-01 24.65 5.020E-01 1.20E-05 4.526E 02 7.53JE 02 1.53DE 01 37.200 344.0 9.99E-01 24.65 5.020E-01 1.20E-05 4.53E 02 7.53JE 02 1.53DE 01 37.200 344.0 9.99E-01 24.65 5.020E-01 1.20E-05 4.53E 02 7.53JE 02 1.53JE 01 37.200 344.0 9.99E-01 24.65 5.020E-01 1.20E-05 4.53E 02 7.55JE 02 1.53JE 01 37.200 344.0 9.99E-01 24.65 5.019E-01 1.20E-05 4.53E 02 7.55JE 02 1.53JE 01 37.200 344.0 9.99E-01 24.65 5.019E-01 1.335-03 4.53JE 02 7.55JE 02 1.53JE 01 37.200 344.0 9.99E-01 24.65 5.019E-01 24.55 5.019E-01 24.55 5.019E-01 24.55 5.019E-01 1.335-03 4.53JE 02 7.55JE 02 1.53JE 01 37.200 344.0 9.57JE-01 24.56 5.019E-01 1.335-03 4.53JE 02 7.55JE 02 1.53JE 01 37.200 344.0 9.57JE-01 24.56 5.019E-01 1.335-03 4.53JE 02 7.55JE 02 1.53JE 01 37.200 344.0 9.57JE-01 24.59 5.019E-01 1.33E-04 4.52JE 02 7.55JE 02 1.53JE 01 37.200 344.0 9.57JE-01 25.77 5.019E-01 1.25JE-04 4.52JE 02 7.55JE 02 1.53JE 01 37.200 344.0 9.57JE-01 25.77 5.019E-01 1.25JE-04 4.52JE 02 7.55JE 02 1.53JE 01 37.200 344.0 9.59JE-01 25.77 5.019E-01 1.25JE-04 4.52JE 02 7.55JE 02 1.53JE 01 37.200 344.0 9.59JE-01 25.77 5.019E-01 1.25JE-04 4.52JE 02 7.55JE 02 1.53JE 01 37.200 344.0 9.59JE-01 25.77 5.019E-01 1.25JE-03 4.53JE 02 7.55JE 02 1.53JE 01 37.200 34.5 6.019E-01 1.25JE-03 4.53JE 02 7.75JE 02 1.53JE 01 37.200 34.5 6.019E-01 1.25JE-03 4.53JE 02 7.75JE 02 1.53JE 01 37.200 34.5 6.019E-01 1.25JE-03 4.53JE 02 7.75JE 01 7.75JE 02 7.75JE 01 7.75JE 02 7	56-100	36-200	343.9	1.002E 00	24.38	5.020E-01	-1.355E-03				-4.1306-
36.400 3442	26.200	36.300	343.5	1.002E 00	24.43	5.020E-01	2-103E-04				6.409
36.200 344.0 1.002E 00 24.51 5.022E-01 -5.23E-04 4.547E 02 7.465E 02 1.530E 01 36.000 344.0 1.000E 00 24.55 5.020E-01 -2.067E-03 4.5542E 02 7.465E 02 1.530E 01 36.000 344.0 5.98E-01 24.66 5.020E-01 -1.356E-03 4.529E 02 7.99E 02 1.530E 01 36.000 344.0 5.98E-01 24.65 5.020E-01 -1.356E-03 4.529E 02 7.99E 02 1.530E 01 37.000 344.0 9.998E-01 24.77 5.021E-01 1.208E-05 4.539E 02 7.59E 02 1.530E 01 37.200 344.0 9.998E-01 24.85 5.022E-01 -2.016E-03 4.539E 02 7.59E 02 1.530E 01 37.200 344.0 9.991E-01 24.85 5.022E-01 -2.016E-03 4.539E 02 7.59E 02 1.530E 01 37.200 344.0 9.991E-01 24.85 5.020E-01 -1.385E-03 4.539E 02 7.59E 02 1.530E 01 37.200 344.0 9.991E-01 24.85 5.020E-01 -1.385E-03 4.539E 02 7.59E 02 1.530E 01 37.200 344.0 9.991E-01 24.85 5.018E-01 -2.016E-03 4.539E 02 7.69E 02 1.530E 01 37.200 344.0 9.991E-01 25.03 5.018E-01 -2.016E-04 4.523E 02 7.69E 02 1.530E 01 37.200 344.0 9.991E-01 25.03 5.018E-01 -2.018E-04 4.523E 02 7.66E 02 1.530E 01 37.200 343.0 9.991E-01 25.03 5.018E-01 -2.018E-04 4.523E 02 7.66E 02 1.530E 01 37.200 343.0 9.991E-01 25.03 5.018E-01 -2.026E-04 4.523E 02 7.66E 02 1.530E 01 37.200 343.0 9.991E-01 25.03 5.018E-01 -1.226E-04 4.532E 02 7.66E 02 1.530E 01 37.200 343.0 9.991E-01 25.03 5.018E-01 -1.226E-04 4.532E 02 7.66E 02 1.530E 01 37.200 343.0 9.991E-01 25.03 5.018E-01 -1.226E-04 4.532E 02 7.66E 02 1.530E 01 37.200 343.0 9.991E-01 25.03 5.018E-01 -1.226E-04 4.532E 02 7.66E 02 1.530E 01 37.200 343.0 9.991E-01 25.03 5.018E-01 -1.256E-03 4.534E 02 7.66E 02 1.530E 01 37.200 343.0 9.991E-01 25.03 5.018E-01 -1.256E-03 4.534E 02 7.66E 02 1.530E 01 37.200 343.0 9.991E-01 25.03 5.018E-01 -1.256E-03 4.534E 02 7.766E 02 1.530E 01 37.200 343.0 9.991E-01 25.03 5.018E-01 -1.256E-03 4.534E 02 7.766E 02 1.530E 01 37.200 343.0 9.991E-01 25.03 5.018E-01 -1.256E-03 4.534E 02 7.766E 02 1.530E 01 37.200 343.0 9.991E-01 25.03 5.018E-01 -1.256E-03 4.534E 02 7.766E 02 1.530E 01 37.200 343.0 9.991E-01 25.00 5.00 5.00 5.00 5.00 5.00 5.00 5.0	26.300	36.400	343.8	1.00ZE 00	24.47	5.021E-01	1.652E-03	-			5.037E-(
36.700 343.5 1.000E 00 24.20 5.020E-01 -2.067E-03 4.57E 02 7.56EE 02 1.530E 01 36.700 343.5 1.000E 00 24.65 5.020E-01 -1.356E-03 4.537E 02 7.59EE 02 1.530E 01 36.900 342.6 5.958E-01 24.65 5.020E-01 1.208E-05 4.539E 02 7.59EE 02 1.530E 01 37.000 344.0 5.99EE-01 24.65 5.022E-01 1.208E-05 4.539E 02 7.59EE 02 1.530E 01 37.200 344.0 5.99EE-01 24.65 5.022E-01 1.208E-05 4.536E 02 7.59EE 02 1.530E 01 37.200 344.0 5.99EE-01 24.91 5.020E-01 1.208E-03 4.536E 02 7.59EE 02 1.530E 01 37.200 344.0 5.99EE-01 24.91 5.020E-01 1.335E-03 4.53EE 02 7.56EE 02 1.530E 01 37.200 344.0 5.99EE-01 24.91 5.020E-01 1.335E-03 4.53EE 02 7.56EE 02 1.530E 01 37.200 344.0 5.99EE-01 24.91 5.020E-01 1.335E-03 4.52EE 02 7.56EE 02 1.530E 01 37.200 344.0 5.99EE-01 24.91 5.020E-01 1.335E-03 4.52EE 02 7.618E 02 1.530E 01 37.200 344.0 5.99EE-01 25.07 5.018E-01 2.973E-04 4.52EE 02 7.618E 02 1.530E 01 37.200 344.0 5.99EE-01 25.07 5.019E-01 2.973E-04 4.52EE 02 7.618E 02 1.530E 01 37.200 344.0 5.99EE-01 25.17 5.019E-01 1.238E-04 4.52EE 02 7.66EE 02 1.530E 01 37.200 343.5 5.99EE-01 25.17 5.019E-01 1.256E-04 4.52EE 02 7.66EE 02 1.530E 01 37.200 343.5 5.99EE-01 25.17 5.019E-01 1.256E-04 4.53EE 02 7.66EE 02 1.530E 01 38.000 343.5 5.99EE-01 25.17 5.018E-01 1.256E-04 4.53EE 02 7.66EE 02 1.530E 01 38.000 343.5 5.00E-01 25.17 5.018E-01 1.256E-04 4.53EE 02 7.66EE 02 1.530E 01 38.000 343.5 5.00E-01 25.17 5.018E-01 1.256E-04 4.53EE 02 7.66EE 02 1.530E 01 38.000 343.5 5.00E-01 25.18 5.018E-01 1.256E-03 4.53EE 02 7.66EE 02 1.530E 01 38.000 343.5 5.00E-01 25.18 5.00E-01 1.542E-03 4.53EE 02 7.66EE 02 1.530E 01 38.000 343.5 5.00E-01 25.18 5.00E-01 1.542E-03 4.53EE 02 7.76EE 02 1.530E 01 38.000 343.5 5.00E-01 25.18 5.00E-01 1.542E-03 4.53EE 02 7.76EE 02 1.530E 01 38.000 343.5 5.00E-01 25.40 5.00E-01 1.542E-03 4.53EE 02 7.76EE 02 1.530E 01 38.000 343.5 5.00E-01 25.40 5.00E-01 1.542E-03 4.53EE 02 7.76EE 02 1.530E 01 38.000 343.5 5.00E-01 25.40 5.00E-01 1.542E-03 4.53EE 02 7.76EE 02 1.530E 01 38.000 343.5 5.00E-01 25.40 5.00E-01 1.542E-03 4.53EE 02 7.76EE 02 1.530E 01 38.000 3	004.9	36.500	344.0	1.002E 00	24.51	5.022 E-01	-5.25 3E-04				-1.6016-
36.700 343.5 1.0005 00 24.61 5.021E-01 -1.356E-04 4.537E 02 7.550E 02 1.530E 01 36.900 344.0 5.985E-01 24.66 5.020E-01 1.208E-03 4.529E 02 7.551E 02 1.530E 01 37.000 344.0 9.998E-01 24.77 5.021E-01 1.208E-05 4.535E 02 7.551E 02 1.531E 01 37.200 344.0 9.998E-01 24.62 5.022E-01 1.208E-05 4.535E 02 7.551E 02 1.531E 01 37.200 344.0 9.998E-01 24.62 5.022E-01 1.208E-03 4.535E 02 7.551E 02 1.531E 01 37.200 344.0 9.998E-01 24.62 5.021E-01 1.335E-03 4.535E 02 7.551E 02 1.531E 01 37.200 344.0 9.971E-01 24.91 5.020E-01 1.335E-03 4.523E 02 7.576E 02 1.530E 01 37.200 344.0 9.971E-01 24.91 5.020E-01 2.973E-04 4.523E 02 7.576E 02 1.530E 01 37.200 344.0 9.971E-01 24.99 5.018E-01 2.973E-04 4.523E 02 7.642E 02 1.530E 01 37.200 344.0 9.971E-01 25.07 5.019E-01 4.526E 02 7.642E 02 1.530E 01 37.200 344.0 9.971E-01 25.07 5.019E-01 4.526E 02 7.642E 02 1.530E 01 37.200 344.0 9.971E-01 25.07 5.019E-01 -1.128E-04 4.526E 02 7.642E 02 1.530E 01 37.200 343.5 9.990E-01 25.17 5.019E-01 -1.256E-03 4.536E 02 7.642E 02 1.530E 01 37.200 343.5 9.990E-01 25.21 5.018E-01 -1.255E-03 4.536E 02 7.642E 02 1.530E 01 37.200 343.5 9.990E-01 25.25 5.018E-01 -1.255E-03 4.536E 02 7.766E 02 1.530E 01 37.200 343.5 9.990E-01 25.25 5.018E-01 -1.255E-03 4.536E 02 7.766E 02 1.530E 01 37.200 343.5 9.990E-01 25.25 5.018E-01 -1.255E-03 4.536E 02 7.766E 02 1.530E 01 37.200 343.5 9.990E-01 25.25 5.018E-01 -1.255E-03 4.536E 02 7.766E 02 1.530E 01 37.200 343.5 9.990E-01 25.25 5.018E-01 -1.255E-03 4.536E 02 7.766E 02 1.530E 01 37.200 343.5 9.990E-01 25.25 5.018E-01 -1.255E-03 4.534E 02 7.766E 02 1.530E 01 37.200 343.5 9.990E-01 25.25 5.018E-01 -1.255E-03 4.534E 02 7.766E 02 1.530E 01 37.200 343.5 9.990E-01 25.25 5.018E-01 -1.255E-03 4.534E 02 7.766E 02 1.530E 01 37.200 343.5 9.990E-01 25.25 5.018E-01 -1.255E-03 4.534E 02 7.766E 02 1.530E 01 37.200 343.5 9.990E-01 25.25 5.018E-01 -1.255E-03 4.534E 02 7.766E 02 1.530E 01 37.200 343.5 9.990E-01 25.25 5.018E-01 -1.255E-03 4.534E 02 7.766E 02 1.530E 01 37.200 343.5 9.990E-01 25.25 5.018E-01 -1.255E-03 4.534E 02 7.766E 02 1.530E	26.500	36.600	343.5	1.001 00	24.56	5. 020E-01	-2.067E-03	-			-6.301E-
36.200 344.0 5.985F-01 24.66 5.022F-01 -1.356E-03 4.525E 02 7.53E 02 1.530E 01 -36.200 344.0 5.99E 02 24.71 5.021F-01 1.208E-05 4.526E 02 7.54E 02 1.531E 01 1.208E-01 24.71 5.021F-01 1.208E-05 4.526E 02 7.54E 02 1.531E 01 1.208E-01 24.72 5.022F-01 -2.016F-03 4.526E 02 7.54E 02 1.531E 01 1.208E-01 24.72 5.022F-01 -2.016F-03 4.526E 02 7.54E 02 1.531E 01 1.208E-01 24.72 5.022F-01 -2.016F-03 4.526E 02 7.54E 02 1.530E 01 1.208E-01 24.56 5.019F-01 -1.335F-03 4.523E 02 7.54E 02 1.530E 01 1.5500 344.0 9.571E-01 24.56 5.019F-01 -6.127F-04 4.523E 02 7.616E 02 1.530E 01 1.5500 344.0 9.571E-01 24.56 5.019F-01 6.107F-04 4.523E 02 7.616E 02 1.530E 01 1.5760 344.0 9.571E-01 25.05 5.019F-01 6.107F-04 4.523E 02 7.616E 02 1.530E 01 1.5760 344.0 9.571E-01 25.07 5.019F-01 1.128F-03 4.523E 02 7.616E 02 1.530E 01 1.5760 343.0 9.980E-01 25.17 5.019F-01 -1.28F-03 4.532E 02 7.616E 02 1.530E 01 1.28F-03 4.534E 02 7.616E 02 1.530E 01 1.5520E	26.600	36.700	343.5	1.0000	24.61	5. C2 1 E-C1	-6.147E-04				-1.874E-
37.000 344.0 9.998E-01 24.77 5.021E-01 1.208E-05 4.535E 02 7.554E 02 1.530E 01 37.100 344.0 1.000E 00 24.62 5.022E-01 1.208E-03 4.535E 02 7.554E 02 1.531E 01 37.100 344.0 9.998E-01 24.77 5.021E-03 4.535E 02 7.554E 02 1.531E 01 37.200 344.0 9.998E-01 24.91 5.020E-01 -1.862E-03 4.535E 02 7.554E 02 1.530E 01 37.200 344.0 9.971E-01 24.91 5.020E-01 -1.335E-03 4.523E 02 7.554E 02 1.530E 01 37.500 344.0 9.971E-01 24.95 5.018E-01 -2.973E-04 4.523E 02 7.656E 02 1.530E 01 37.500 344.0 9.971E-01 24.95 5.018E-01 -6.127E-04 4.523E 02 7.656E 02 1.530E 01 37.500 344.0 9.971E-01 25.07 5.019E-01 6.107E-04 4.523E 02 7.656E 02 1.530E 01 37.500 343.0 9.980E-01 25.17 5.019E-01 6.107E-04 4.523E 02 7.66CE 02 1.530E 01 37.500 343.6 5.099E-01 25.17 5.019E-01 -1.126E-04 4.523E 02 7.66CE 02 1.530E 01 37.500 343.6 5.099E-01 25.17 5.019E-01 -1.267E-03 4.532E 02 7.66CE 02 1.530E 01 37.500 343.6 5.099E-01 25.21 5.018E-01 -1.267E-03 4.532E 02 7.66CE 02 1.530E 01 37.500 343.6 5.099E-01 25.22 5.018E-01 -1.255E-03 4.532E 02 7.65EE 02 1.530E 01 37.500 343.6 5.099E-01 25.24 5.000 343.6 5.000 34	26. 700	36.800	344.0	5.985F-01	24.66	5.020E-01	-1.356E-03				-4.133E-
37.000 344.0 9.998E-01 24.07 7.021E-01 1.208E-02 4.535E C2 7.554E 02 1.531E 01 37.200 344.1 1.000 24.02 5.022E-01 -2.016E-03 4.535E 02 7.556E 02 1.531E 01 37.200 344.0 9.991E-01 24.95 5.019E-01 -1.852E-03 4.535E 02 7.56E 02 1.530E 01 37.200 344.0 9.971E-01 24.96 5.019E-01 2.973E-04 4.523E 02 7.56E 02 1.530E 01 37.500 344.0 9.971E-01 24.99 5.018E-01 2.973E-04 4.523E 02 7.616E 02 1.530E 01 37.500 344.0 9.971E-01 24.99 5.018E-01 2.973E-04 4.523E 02 7.616E 02 1.530E 01 37.500 344.0 9.971E-01 24.99 5.019E-01 6.107E-04 4.526E 02 7.616E 02 1.530E 01 37.500 344.0 9.980E-01 25.07 5.019E-01 6.107E-04 4.526E 02 7.616E 02 1.530E 01 37.500 343.5 9.980E-01 25.17 5.019E-01 -9.05E-04 4.522E 02 7.66GE 02 1.530E 01 37.500 343.5 9.990E-01 25.17 5.019E-01 -1.258E-04 4.532E 02 7.66GE 02 1.530E 01 38.200 343.5 9.990E-01 25.25 5.018E-01 -1.258E-03 4.536E 02 7.66GE 02 1.530E 01 38.300 343.5 1.000E 00 25.29 5.018E-01 -1.255E-03 4.534E 02 7.76GE 02 1.530E 01 38.300 343.5 1.000E 00 25.40 5.020E-01 1.542E-03 4.534E 02 7.76GE 02 1.530E 01 38.300 343.5 1.000E 00 25.40 5.020E-01 -5.157E-04 4.532E 02 7.76GE 02 1.530E 01 38.500 343.5 1.000E 00 25.40 5.020E-01 -5.157E-04 4.534E 02 7.76GE 02 1.530E 01 38.500 343.5 1.000E 00 25.40 5.020E-01 -5.157E-04 4.534E 02 7.76GE 02 1.530E 01 38.500 343.5 1.000E 00 25.40 5.020E-01 -5.157E-04 4.534E 02 7.76GE 02 1.530E 01 38.500 343.5 1.000E 00 25.40 5.020E-01 -5.157E-04 4.534E 02 7.76GE 02 1.530E 01 5.546 02 1.546E 02 1.550E 01 5.546E 02 1.546E 02 1.550E 01 5.546E 02 1.546E 02 1	008.00	30.900	34205	3.31.35-61	11.67	200715-01	-8-226E-04				-2.001
37.200 344.0 4.620 0.0 24.62 5.0026-01 -1.8626-03 4.5356 02 7.5566 02 1.5306 01 -3.37.200 344.0 9.9716-01 24.96 5.0106-01 -1.8626-03 4.5236 02 7.5766 02 1.5306 01 -3.37.200 344.0 9.9716-01 24.96 5.0106-01 -1.3356-03 4.5236 02 7.5766 02 1.5306 01 -3.37.500 344.0 9.9716-01 24.99 5.0186-01 -6.1876-04 4.5236 02 7.5766 02 1.5306 01 -3.37.500 344.0 9.5716-01 25.05 5.0106-01 -6.1876-04 4.5236 02 7.6426 02 1.5306 01 -3.7.700 344.0 9.5776-01 25.05 5.0106-01 -9.056-04 4.5266 02 7.6426 02 1.5306 01 -3.7.700 343.6 9.9806-01 25.17 5.0196-01 -1.1286-04 4.5266 02 7.6426 02 1.5306 01 -3.7.700 343.6 5.0996-01 25.21 5.0196-01 -1.2566-04 4.5326 02 7.6426 02 1.5306 01 -1.2566-04 4.5326 02 7.6426 02 1.5306 01 -1.2566-04 4.5326 02 7.6426 02 1.5306 01 -1.2566-04 4.5326 02 7.6426 02 1.5306 01 -1.2566-04 4.5366 02 7.6426 02 1.5306 01 -1.2566-04 4.5366 02 7.6426 02 1.5306 01 -1.2566-04 4.5366 02 7.6426 02 1.5306 01 -1.2566-04 4.5366 02 7.6426 02 1.5306 01 -1.2566-04 4.5366 02 7.6426 02 1.5306 01 -1.2566-04 4.5366 02 7.6426 02 1.5306 01 -1.2566-04 4.5366 02 7.6426 02 1.5306 01 -1.2566-04 4.5366 02 7.6426 02 1.5306 01 -1.2566-04 4.5366 02 7.6426 02 1.5306 01 -1.2566-04 4.5366 02 7.6426 02 1.5306 01 -1.2566-04 4.5366 02 7.6426 02 1.5306 01 -1.2566-04 4.5366 02 7.6426 02 1.5306 01 -1.2566-04 4.5366 02 7.6426 02 1.5306 01 -1.2566-04 4.5366 02 7.7426 02 1.5306 01 -1.2566-04 4.5366 02 7.7426 02 1.5306 01 -1.2566-04 4.5366 02 7.7426 02 1.5306 01 -1.2566-04 4.5366 02 7.7426 02 1.5306 01 -1.2566-04 4.5366 02 7.7426 02 1.5306 01 -1.2566-04 4.5326 02 7.7426 02 1.5306 01 -1.2566-04 4.5326 02 7.7426 02 1.5306 01 -1.2426-04 4.5326 02 7.7426 02 1.5306 01 -1.2426-04 4.5326 02 7.7426 02 1.5306 01 -1.2426-04 4.5326 02 7.7426 02 1.5306 01 -1.2426-04 4.5326 02 7.7426 02 1.5306 01 -1.2426-04 4.5326 02 7.7426 02 1.5306 01 -1.2426-04 4.5326 02 7.7426 02	006-00	37.000	344.0	9.998E-01	11.02	5.021E-01	1.208E-05				3.683E-
37.200 344.0 9.971E-01 24.91 5.020E-01 -1.335E-04 4.523E 02 7.55E 02 1.530E 01 37.500 344.0 9.971E-01 24.91 5.020E-01 -1.335E-04 4.523E 02 7.65E 02 1.530E 01 37.500 344.0 9.971E-01 24.59 5.018E-01 2.973E-04 4.523E 02 7.65E 02 1.530E 01 37.500 344.0 9.971E-01 24.59 5.018E-01 6.107E-04 4.523E 02 7.65E 02 1.530E 01 37.700 344.0 9.971E-01 25.05 5.019E-01 6.300E-04 4.524E 02 7.65E 02 1.530E 01 37.500 343.5 9.980E-01 25.17 5.019E-01 9.056E-04 4.524E 02 7.66E 02 1.530E 01 37.500 343.5 9.980E-01 25.17 5.019E-01 -1.28E-04 4.532E 02 7.66E 02 1.530E 01 38.200 343.5 9.99E-01 25.27 5.018E-01 -1.267E-03 4.534E 02 7.65E 02 1.530E 01 38.300 343.5 1.000E 00 25.29 5.018E-01 -1.267E-03 4.534E 02 7.65E 02 1.530E 01 38.300 343.5 1.000E 00 25.40 5.020E-01 1.542E-03 4.534E 02 7.75E 02 1.530E 01 38.400 343.5 1.000E 00 25.40 5.020E-01 -5.197E-04 4.532E 02 7.75E 02 1.530E 01 38.500 343.5 1.000E 00 25.40 5.020E-01 -5.197E-04 4.532E 02 7.75E 02 1.530E 01 38.500 344.0 5.090E-01 25.40 5.020E-01 -5.197E-04 4.532E 02 7.75E 02 1.530E 01 38.500 344.0 5.090E-01 25.40 5.020E-01 -5.197E-04 4.532E 02 7.75E 02 1.530E 01 38.500 344.0 5.090E-01 25.40 5.021E-01 -5.197E-04 4.532E 02 7.76CE 02 1.530E 01 38.500 344.0 5.090E-01 25.40 5.021E-01 -5.197E-04 4.532E 02 7.76CE 02 1.530E 01 38.500 344.0 5.090E-01 25.40 5.021E-01 -5.197E-04 4.532E 02 7.76CE 02 1.530E 01 38.500 344.0 5.090E-01 25.40 5.021E-01 -5.197E-04 4.532E 02 7.76CE 02 1.530E 01 38.500 344.0 5.000E-01 25.40 5.021E-01 -5.197E-04 4.532E 02 7.76CE 02 1.530E 01 38.500 344.0 5.000E-01 25.40 5.021E-01 -5.197E-04 4.532E 02 7.76CE 02 1.530E 01 38.500 344.0 5.000E-01 25.40 5.021E-01 -5.197E-04 4.532E 02 7.76CE 02 1.530E 01 38.500 344.0 5.000E-01 25.40 5.021E-01 -5.197E-04 4.532E 02 7.76CE 02 1.530E 01 38.500 344.0 5.000E-01 25.40 5.000E	2000	37.100	244.1	1.000 00	73.67	5 010E 01	-2.01er-03				-0.1446-
37.400 344.0 9.971E-01 24.56 5.018E-01 -1.5351F-03 4.523E 02 7.616E 02 1.529E 01 37.500 344.0 9.971E-01 24.56 5.018E-01 -6.18.7F-04 4.523E 02 7.616E 02 1.529E 01 37.500 344.0 9.971E-01 24.59 5.018E-01 -6.18.7F-04 4.523E 02 7.616E 02 1.529E 01 37.500 344.0 9.971E-01 25.05 5.019E-01 6.107E-04 4.523E 02 7.616E 02 1.530E 01 37.700 344.0 9.971E-01 25.07 5.019E-01 6.107E-04 4.523E 02 7.616E 02 1.530E 01 37.500 343.5 9.980E-01 25.17 5.019E-01 -1.126E-04 4.523E 02 7.616E 02 1.530E 01 38.000 343.5 5.999E-01 25.25 5.018E-01 -1.267E-03 4.532E 02 7.616E 02 1.530E 01 38.700 343.5 9.996E-01 25.25 5.018E-01 -1.267E-03 4.534E 02 7.656E 02 1.530E 01 38.700 343.5 1.000E 00 25.29 5.018E-01 1.255E-03 4.534E 02 7.765E 02 1.530E 01 38.700 343.5 1.000E 00 25.40 5.020E-01 1.542E-03 4.534E 02 7.765E 02 1.530E 01 38.700 343.5 1.001E 00 25.40 5.020E-01 -5.197E-04 4.532E 02 7.766E 02 1.530E 01 38.500 344.0 5.020E-01 25.45 5.021E-01 -5.197E-04 4.532E 02 7.766E 02 1.530E 01 38.500 344.0 5.020E-01 25.45 5.021E-01 -5.197E-04 4.532E 02 7.766E 02 1.530E 01 38.500 344.0 5.020E-01 25.45 5.021E-01 -5.197E-04 4.532E 02 7.766E 02 1.530E 01 38.500 344.0 5.020E-01 25.45 5.021E-01 -5.197E-04 4.532E 02 7.766E 02 1.530E 01 38.500 344.0 5.020E-01 -5.197E-04 4.532E 02 7.766E 02 1.530E 01 38.500 344.0 5.020E-01 -5.197E-04 4.532E 02 7.766E 02 1.530E 01 38.500 344.0 5.020E-01 -5.197E-04 4.532E 02 7.766E 02 1.530E 01 38.500 344.0 5.020E-01 -5.197E-04 5.197E-04 4.532E 02 7.766E 02 1.530E 01 38.500 344.0 5.020E-01 -5.197E-04 5.197E-04 4.532E 02 7.766E 02 1.530E 01 38.500 344.0 5.020E-01 -5.197E-04 5.197E-04 5.1	001.	37.500	3446	10-37 /E-01	24.60	10-3610°C	-1.86 ZE-03				-3.6736-
37.500 344.0 9.971E-01 24.59 5.018E-01 -6.187E-04 4.523E 02 7.618E 02 1.529E 01 37.600 344.0 9.971E-01 24.59 5.018E-01 -6.187E-04 4.523E 02 7.618E 02 1.529E 01 37.600 344.0 9.971E-01 25.05 5.019E-01 6.107E-04 4.524E 02 7.618E 02 1.530E 01 37.700 344.0 9.971E-01 25.07 5.019E-01 6.107E-04 4.524E 02 7.642E 02 1.530E 01 37.700 343.6 9.980E-01 25.17 5.019E-01 -1.126E-04 4.524E 02 7.66CE 02 1.530E 01 37.700 343.6 9.990E-01 25.17 5.019E-01 -1.238E-03 4.534E 02 7.665E 02 1.530E 01 38.700 343.5 9.990E-01 25.25 5.018E-01 -1.257E-03 4.534E 02 7.755E 02 1.530E 01 37.700 343.5 1.000E 00 25.29 5.018E-01 -1.255E-03 4.534E 02 7.755E 02 1.530E 01 38.700 343.5 1.000E 00 25.40 5.020E-01 1.542E-03 4.534E 02 7.756E 02 1.530E 01 37.700 343.5 1.000E 00 25.40 5.020E-01 -5.1257E-04 4.532E 02 7.756E 02 1.530E 01 37.700 344.0 5.020E-01 25.40 5.021E-01 -5.197E-04 4.532E 02 7.756E 02 1.530E 01 37.700 344.0 5.020E-01 25.40 5.021E-01 -5.197E-04 4.532E 02 7.756E 02 1.530E 01 37.700 344.0 5.020E-01 25.700E-01 -5.197E-04 4.532E 02 7.756E 02 1.530E 01 37.700E 02 1.530E 01 37.70	007-16	37.300	344.6	10-31a6-5	16.92	5.020t-01	-1.3351-03				-4.069F
37.000 344.C 9.571E-01 25.05 5.019E-01 6.107E-04 4.525E 02 7.619E 02 1.530E 01 37.00 344.C 9.577E-01 25.05 5.019E-01 6.107E-04 4.526E 02 7.642E 02 1.530E 01 37.00 344.C 9.577E-01 25.17 5.019E-01 6.107E-04 4.526E 02 7.642E 02 1.530E 01 37.00 343.E 9.980E-01 25.17 5.019E-01 -1.128E-04 4.526E 02 7.66CE 02 1.530E 01 38.00 343.E 9.990E-01 25.21 5.019E-01 -1.128E-04 4.532E 02 7.66CE 02 1.530E 01 38.20 343.E 9.999E-01 25.25 5.018E-01 -1.256E-03 4.536E 02 7.66CE 02 1.530E 01 38.30 343.5 1.00E 00 25.29 5.018E-01 -1.255E-03 4.536E 02 7.75E 02 1.530E 01 38.30 343.5 1.00E 00 25.40 5.020E-01 1.542E-04 4.534E 02 7.75E 02 1.530E 01 38.30 343.5 1.00E 00 25.40 5.020E-01 1.542E-03 4.534E 02 7.75E 02 1.530E 01 38.30 343.5 1.00E 00 25.40 5.020E-01 2.542E-03 4.534E 02 7.75E 02 1.530E 01 38.50 343.5 1.00E 00 25.40 5.020E-01 2.542E-03 4.534E 02 7.75E 02 1.530E 01 38.50 343.5 1.00E 00 25.40 5.020E-01 2.542E-03 4.534E 02 7.75E 02 1.530E 01 38.50 344.C 5.990E-01 25.46 5.021E-01 -5.197E-04 4.532E 02 7.746E 02 1.530E 01 38.50 344.C 5.990E-01 25.46 5.021E-01 -5.197E-04 4.532E 02 7.746E 02 1.530E 01 38.50 344.C 5.990E-01 25.46 5.021E-01 -5.197E-04 4.532E 02 7.746E 02 1.530E 01 38.50 344.C 5.990E-01 25.46 5.021E-01 -5.197E-04 4.532E 02 7.746E 02 1.530E 01 38.50 34.	2000	37.400	344.0	9.971E-01	95.47	810	2.9735-04			- 525E	9.06IF
37.00 344.C 9.571E-01 25.05 5.019E-01 6.107E-04 4.523E 02 7.642E 02 1.530E 01 37.700 344.C 5.577E-01 25.07 5.019E-01 6.30GE-04 4.526E 02 7.642E 02 1.530E 01 37.500 343.5 9.99GE-01 25.17 5.019E-01 -9.056E-04 4.522E 02 7.665E 02 1.530E 01 37.500 343.5 9.99GE-01 25.17 5.019E-01 -1.238E-04 4.522E 02 7.665E 02 1.530E 01 38.100 343.5 9.99GE-01 25.21 5.019E-01 -1.238E-03 4.532E 02 7.665E 02 1.530E 01 38.200 343.5 9.99GE-01 25.25 5.018E-01 -1.267E-03 4.534E 02 7.655E 02 1.530E 01 38.300 343.5 9.99GE-01 25.35 5.018E-01 -1.255E-04 4.534E 02 7.75GE 02 1.539E 01 38.400 343.5 1.001E 00 25.40 5.026E-01 1.542E-03 4.534E 02 7.75GE 02 1.530E 01 38.500 344.C 5.99GE-01 25.46 5.021E-01 -5.197E-04 4.532E 02 7.76CE 02 1.530E 01 38.500 344.C	004-16	37.500	344.0	9.571E-01	55.67	3	-6.187F-04	235		1625°	-1.88¢F
37.700 344.C 5.577E-C1 25.77 5.019E-01 6.300E-04 4.526E 02 7.642E C2 1.530E 01 37.800 343.5 9.980E-01 25.13 5.018E-01 -9.056E-04 4.524E 02 7.66CE 02 1.530E 01 37.600 343.6 5.990E-01 25.17 5.019E-01 -1.128E-04 4.532E 02 7.615E 02 1.530E 01 38.000 343.5 5.999E-01 25.27 5.018E-01 -1.238E-03 4.532E 02 7.65E 02 1.530E 01 38.200 343.5 1.000E 00 25.29 5.018E-01 -1.267E-03 4.536E 02 7.65E 02 1.530E 01 38.300 343.5 1.000E 00 25.29 5.018E-01 -1.255E-03 4.534E 02 7.755E 02 1.530E 01 38.400 343.5 1.001E 00 25.40 5.020E-01 1.542E-03 4.532E 02 7.746E 02 1.530E 01 38.500 344.C 5.990E-01 25.46 5.021E-01 -5.197E-04 4.532E 02 7.746E 02 1.530E 01 38.500 344.C	1.500	37.600	344.6	9.571E-01	25.05	610	6.107E-04			. 530E	1.861F
37.800 343.5 9.980E-01 25.13 5.018E-01 -9.056E-04 4.527E 02 7.66CE 02 1.530E 01 37.800 343.5 9.980E-01 25.17 5.019E-01 -1.126E-04 4.522E 02 7.612E 02 1.530E 01 38.000 342.8 5.999E-01 25.27 5.019E-01 -1.238E-03 4.532E 02 7.665E 02 1.530E 01 38.200 343.5 9.999E-01 25.29 5.018E-01 -1.256E-03 4.536E 02 7.656E 02 1.530E 01 38.200 343.5 1.000E 00 25.29 5.018E-01 -1.255E-03 4.536E 02 7.755E 02 1.530E 01 38.400 343.5 1.000E 00 25.40 5.020E-01 1.542E-03 4.534E 02 7.756E 02 1.530E 01 38.400 343.5 1.001F 00 25.40 5.021E-01 -5.197E-04 4.532E 02 7.745E 02 1.530E 01 -5.197E-04 4.532E 02 7.745E 02 7.745E 02 1.530E 01 -5.197E-04 4.532E 02 7.745E 02 7.745	27.600	37.700	344.6	5.577E-C1	25.67	613	6.300E-04			.530E	1.520E-
37.500 343.6 5.590E-01 25.17 5.019F-01 -1.128E-04 4.522E C2 7.612E C2 1.530E 01 - 38.000 342.6 5.992E-01 25.21 5.019F-01 -1.238E-03 4.532E 02 7.665E 02 1.530E 01 - 38.100 342.5 1.000E 00 25.29 5.018F-01 -1.255E-03 4.534E 02 7.705E 02 1.530E 01 - 38.300 342.5 1.000E 00 25.29 5.018F-01 -1.255E-04 4.534E 02 7.705E 02 1.525E 01 - 38.400 343.5 1.001F 00 25.40 5.020F-01 1.542E-03 4.535E 02 7.745E C2 1.530E 01 - 38.500 344.0 5.990E-01 25.46 5.021E-01 -5.197E-04 4.532E 02 7.740E C2 1.530E 01 -	27.700	37.800	343.5	9.980E-01	25.13	C 18	-9.056E-04			.530€	-2.760E-
38.000 342.6 \$.592E-01 25.21 5.019E-01 -1.238E-03 4.532E 02 7.665E 02 1.530E 01 - 38.100 343.5 \$.999E-01 25.25 5.018E-01 -1.267E-03 4.536E 02 7.655E 02 1.530E 01 - 38.200 342.5 1.000E 00 25.29 5.018E-01 -1.255E-03 4.534E 02 7.755E 02 1.530E 01 - 38.400 343.5 1.001E 00 25.40 5.020E-01 1.542E-04 4.532E 02 7.745E 02 1.530E 01 - 38.400 343.5 1.001E 00 25.40 5.020E-01 -5.197E-04 4.532E 02 7.745E 02 1.530E 01 -	57.800	37.500	343.8	10-3065-5	25.17	610	-1.128E-04				-3.438E-
38.100 343.5 5.999E-01 25.25 5.018E-01 -1.267E-03 4.536E 02 7.656E 02 1.530E 01 - 38.200 343.5 1.000E 00 25.29 5.018E-01 -1.255E-03 4.536E 02 7.765E 02 1.525E 01 - 38.300 343.5 1.000E 00 25.40 5.020E-01 1.542E-04 4.534E 02 7.745E 02 1.530E 01 - 38.400 343.5 1.001E 00 25.40 5.020E-01 1.542E-03 4.532E 02 7.746E 02 1.530E 01 - 38.500 344.C 5.990E-01 25.46 5.021E-01 -5.197E-04 4.532E 02 7.76CE 02 1.530E 01 -	27.900	38.000	342.6	5.592E-01	25.21	613	-1.238E-03				-3.774F
38.200 343.5 1.000E 00 25.29 5.018E-01 -1.255E-03 4.536E 02 7.705E 02 1.556E 01 - 38.300 343.5 1.000F 00 25.40 5.020E-01 1.542E-04 4.534E 02 7.726E 02 1.530E 01 38.400 343.5 1.001F 00 25.40 5.020E-01 1.542E-03 4.535E 02 7.141E 02 1.530E 01 38.500 344.6 5.990E-01 25.46 5.021E-01 -5.197E-04 4.532E 02 7.746E 02 1.520E 01 -	28.000	38.100	343.5	5.999E-01	25.25	018	-1.26 7E-03				-3.863E-(
38.300 343.5 9.956E-01 25.35 5.620E-01 2.828E-04 4.534E 02 7.726E 02 1.530E 01 38.400 343.5 1.001F 00 25.40 5.020E-01 1.542E-03 4.535E 02 7.141E C2 1.530E 01 38.500 344.6 5.990E-01 25.46 5.021E-01 -5.197E-04 4.532E 02 7.76CE G2 1.530E 01 -	Se.100	38.200	343.5	1.000E 00	52.53	810	-1.255E-03				-3.826E-
38.400 343.5 1.001F 00 25.40 5.020E-01 1.542E-03 4.535F 02 7.141E C2 1.530E 01 38.500 344.C 5.990E-01 25.46 5.021E-01 -5.197E-04 4.532F 02 7.14CE C2 1.530E 01 -	28.200	38.300	343.5	10-3956°6	25.35	070	2.828E-04				8.619E-(
38.500 344.C 5.9905-01 25.46 5.021E-01 -5.197E-04 4.532E 02 7.76CE C2 1.530E 01 -1.584E-	56.3CC	38.400	343.5	1.001F 00	25.40	070	1.54.2E-03	35E		1.530E 01	4.70CE-02
	58.400	20.500	3 772								

EXPERIPENTAL CATA

10			TENS TON	1 ENGTH	GTH VFL JC 11Y	ACCEL.	TENSICA	LENGTE VELCE	VELCCITY	ACCEL.
38.700 344.0 340.0 344.0		ANGLE	0	F 4	FTVSFC	F T/SEC/SEC	CRIP	ð	CH/SEC	CM/SEC/SEC
39.000 34.00			10-3013				1000			
35.000 34.10 35.200 34.10 35.200 34.10 35.300 35.3000 35			10-10-5	00.00	670.		70 3775.	3151	10 3166 01	20-3766-1-
39.100 39.1000 30.1000 30.1000 30.1000 30.1000 30.1000 30.1			10-1080	12.67	מית בוב-חו	50791	30 3010.4	2070		ň
35.000 34.1.6 35.300 34.2.7 35			10 996-0	19.67	20-11-01	2. EZGE-05	4.52CE G2	352		8.595E-0
39.100 349.6 35.200 344.6 35.200 349.7 36.200 349.7 36.200 340.7 36.200 340.7 36.200 340.7 36.200 340.7 36.20			10-3655.5	25.71	-	-1.3786-04	4.5176 62	4		-4.199E-03
35.200 344.C 5.927E-01 25.82 5.020F-01 35.400 344.C 5.927E-01 25.85 5.020F-01 35.400 344.C 5.927E-01 25.85 5.020F-01 35.400 343.5 5.027E-01 25.85 5.020F-01 35.400 343.5 5.027E-01 25.85 5.020F-01 35.400 343.5 5.027E-01 25.85 5.027E-01 25.400 343.5 5.027E-01 25.400 343.5 5.027E-01 25.400 344.C 5.887E-01 26.34 5.027E-01 26.30 343.5 5.027E-01 26.30 344.C 5.887E-01 26.34 5.027E-01 26.30 344.C 5.887E-01 26.30 5.027E-01 26.30 344.C 5.887E-01 27.30 5.027E-01 27.30 5.027			13-3255	25.76	•	-	4.5166 02	7.853E 02		-5.027E-0
35.300 344.C 5.5C4E-01 25.85 5.019E-01 35.400 343.5 5.019E-01 25.50 5.019E-01 39.500 343.5 5.019E-01 25.51 5.019E-01 39.500 343.5 5.019E-01 25.55 5.019E-01 39.700 343.6 5.019E-01 26.01 26.03 343.6 5.019E-01 26.03 5.019E-01 26.00 344.6 5.019E-01 27.30 5.019E-01 2			5.927E-01	25.82	•	2		8 JOE	530E	-6.1156-02
35.500 343.5 5.884E-01 25.95 5.019E-01 35.500 343.5 5.886E-01 26.05 5.019E-01 35.500 343.5 5.886E-01 26.05 5.019E-01 35.500 343.5 5.886E-01 26.05 5.019E-01 35.500 344.0 344.0 5.000 344.0			5.5644-01	25.85		1.902	492F	RACE	SIGE	
39.500 34.50			C. APPE-01	26.51	0	1.00	4.4836 02	775	2005	3.0576-02
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39.900 343.6 9.866E-01 26.13 5.018E-01 40.000 344.0 9.881E-01 26.23 5.020E-01 40.200 344.0 9.876E-01 26.23 5.020E-01 40.300 344.0 9.876E-01 26.34 5.021E-01 40.300 344.0 9.876E-01 26.34 5.021E-01 40.500 344.0 9.856E-01 26.37 5.020E-01 40.600 344.0 9.856E-01 26.37 5.020E-01 40.800 344.0 9.856E-01 26.43 5.022E-01 40.800 344.0 9.856E-01 26.43 5.022E-01 40.800 343.0 9.846E-01 26.57 5.021E-01 41.200 343.0 9.846E-01 26.65 5.020E-01 41.200 343.0 9.846E-01 26.67 5.020E-01 41.200 343.0 9.816E-01 26.85 5.019E-01 41.200 343.0 9.816E-01 26.85 5.019E-01 41.200 343.0 9.816E-01 27.25 5.019E-01 41.200 343.0 9.816E-01 27.25 5.019E-01 42.200 343.0 9.816E-01 27.25 5.019E-01 27.25 5.019E-01 27.25 5.019E-01 27.200 343.0 9.816E-01 27.25 5.019E-01 27.200 343.0 9.816E-01 27.25 5.019E-01 27.200 343.0 9.816E-01 27			10-3858.5	26.06		-1.474E-03	450E	344E		-4.491E-0
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41,200 343.9 9.8112-01 26.85 5.016-01 41,200 343.8 9.8112-01 26.85 5.018-01 41,400 343.9 9.8112-01 26.85 5.018-01 41,400 343.9 9.8112-01 26.85 5.018-01 41,500 343.9 9.816-01 26.81 5.018-01 41,600 343.9 9.816-01 27.01 5.019-01 42,600 343.9 9.816-01 27.01 5.019-01 42,600 344.0 9.8712-01 27.25 5.019-01 42,400 343.9 9.8712-01 27.25 5.019-01 42,400 343.9 9.8712-01 27.25 5.019-01 42,400 343.9 9.8712-01 27.34 5.020-01 42,400 343.9 9.8712-01 27.34 5.020-01 42,400 343.9 9.8712-01 27.34 5.020-01 42,400 343.9 9.8712-01 27.34 5.020-01 42,400 343.9 9.8712-01 27.34 5.019-01 42,400 343.9 5.9212-01 27.34 5.019-01 42,400 343.9 5.9212-01 27.36 5.018-01 42,400 343.9 5.9212-01 27.36 5.018-01 42,400 343.9 6.93212-01 27.36 5.018-01 43,600 343.9 6.93212-01 27.56 5.018-01			10 2000	34 33		3000		3777		
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41,300 343.8 9,811=01 26.85 5.018F-01 41.500 343.5 5.826-01 26.85 5.018F-01 343.5 5.826-01 26.85 5.018F-01 343.5 5.826-01 26.85 5.018F-01 343.5 5.826-01 26.54 5.019F-01 343.5 5.826-01 27.01 27.01 5.019F-01 41.500 342.5 5.826-01 27.01 5.019F-01 343.5 5.835-01 27.15 5.019F-01 42.00 344.0 5.8535-01 27.16 5.019F-01 42.200 343.6 5.8635-01 27.25 5.019F-01 42.500 343.6 5.8635-01 27.25 5.019F-01 42.500 343.6 5.8515-01 27.34 5.020F-01 42.500 343.6 5.8515-01 27.34 5.020F-01 42.500 343.6 5.8515-01 27.34 5.019F-01 42.600 343.6 5.8515-01 27.34 5.019F-01 42.600 343.6 5.8515-01 27.36 5.019F-01 42.600 343.6 5.8515-01 27.36 5.019F-01 42.600 343.6 5.8515-01 27.36 5.019F-01 42.600 343.6 5.8515-01 27.56 5.018F-01 27.60 5.018F-01	*		10-2872-5	11.07		2.313	3864.	. 195E		-7.05CE-0
41,400 343-5 5.826-01 26.85 5.018 F-01 41,500 342-5 5.8225-01 26.54 5.018 F-01 41,500 342-5 5.8225-01 26.54 5.019 F-01 41,800 342-5 5.8225-01 27.01 5.019 F-01 41,800 342-5 5.8225-01 27.01 5.019 F-01 42,000 344-0 5.8255-01 27.15 5.019 F-01 42,200 344-0 5.8255-01 27.25 5.019 F-01 42,200 344-0 5.871E-01 27.25 5.019 F-01 42,400 343-5 5.8825-01 27.25 5.019 F-01 42,500 343-5 5.8825-01 27.34 5.020 F-01 42,500 343-5 5.851E-01 27.34 5.020 F-01 42,500 343-6 5.851E-01 27.34 5.019 F-01 42,600 343-6 5.851E-01 27.34 5.019 F-01 42,600 343-6 5.851E-01 27.34 5.019 F-01 42,600 343-6 5.821E-01 27.35 5.019 F-01 42,500 343-6 5.9321E-01 27.36 5.018 F-01 42,500 343-6 5.9321E-01 27.35 5.019 F-01	•		9.8118-01	26. 60	5	1.055	3054·	1656		-3.229E-0
41.500 342.5 5.822F-C1 26.51 5.019F-C1 1.600 343.5 9.816E-O1 26.54 5.019F-C1 1.700 342.5 5.816E-O1 26.54 5.019F-C1 1.700 342.5 5.816E-O1 27.01 5.019F-C1 1.800 343.5 5.835E-O1 27.11 5.019F-C1 42.000 344.C 5.835E-O1 27.11 5.019F-C1 42.000 344.C 5.835E-O1 27.11 5.019F-C1 42.300 343.5 5.835E-O1 27.35 5.019F-C1 42.300 343.5 5.882F-C1 27.35 5.019F-C1 42.500 343.5 5.851F-C1 27.34 5.020F-C1 42.500 343.5 5.851F-C1 27.34 5.020F-C1 42.500 343.5 5.851F-C1 27.34 5.020F-C1 42.500 343.5 5.851F-C1 27.35 5.019F-C1 42.500 343.5 5.851F-C1 27.55 5.019F-C1 42.500 343.5 5.851F-C1 27.55 5.019F-C1 42.500 343.5 5.851F-C1 27.55 5.019F-C1 43.000 343.5 5.019F-C1 27.55 5.019F-C1 27.	4		10028-5	26.85	5.018 6-01	1.264E-03		. 163E		3.853E-0
41.600 343.5 9.816e-01 26.54 5.019F-01 41.700 342.5 9.816e-01 27.01 5.019F-01 41.800 342.5 5.827E-01 27.01 5.019F-01 41.800 342.5 5.827E-01 27.01 5.019F-01 42.000 344.0 5.853E-01 27.10 5.019F-01 42.000 344.0 5.853E-01 27.10 5.019F-01 42.300 343.5 5.877E-01 27.25 5.019F-01 42.400 343.5 5.877E-01 27.35 5.019F-01 42.500 343.5 5.877E-01 27.34 5.020F-01 42.500 343.6 5.877E-01 27.34 5.020F-01 42.500 343.6 5.877E-01 27.34 5.020F-01 42.500 343.6 5.877E-01 27.36 5.019F-01 42.500 343.6 5.877E-01 27.36 5.019F-01 42.500 343.6 5.877E-01 27.36 5.019F-01 42.500 343.6 5.877E-01 27.56 5.019F-01 42.500 343.6 5.937E-01 27.56 5.018F-01	41		5.822E-01	15.92	5. C19E-C1	-5.801£-04	356	_		-1.768E-0
41.700 343.5 5.827E-01 27.01 5.019E-01 41.800 343.5 5.815E-01 27.01 5.019E-01 41.800 344.5 5.815E-01 27.01 5.019E-01 42.000 344.0 5.855E-01 27.11 5.019E-01 42.000 344.0 5.871E-01 27.22 5.019E-01 42.400 343.5 5.871E-01 27.25 5.019E-01 42.400 343.5 5.871E-01 27.25 5.019E-01 42.400 343.5 5.871E-01 27.34 5.020E-01 42.400 343.5 5.871E-01 27.34 5.020E-01 42.400 343.6 5.871E-01 27.34 5.020E-01 42.400 343.6 5.871E-01 27.44 5.019E-01 42.400 343.6 5.871E-01 27.45 5.019E-01 42.400 343.6 5.871E-01 27.40 5.018E-01 43.600 343.6 5.871E-01 27.40 5.871E-01 27.4	4		9.8165-01	26.54	610	-2.286E-03	4.452E 02	.2136	1.530E 01	-6.969E-0
41.800 342.5 9.8165-01 27.07 5.019E-01 42.500 344.0 9.835-01 27.11 5.019E-01 42.100 344.0 9.871E-01 27.11 5.019E-01 42.100 344.0 9.871E-01 27.25 5.019E-01 42.200 343.0 9.806-01 27.25 5.019E-01 42.500 343.0 9.900F-01 27.30 5.020E-01 42.500 343.0 9.900F-01 27.30 5.020E-01 42.500 343.0 9.900F-01 27.30 5.019E-01 42.500 343.0 5.920E-01 27.40 5.019E-01 42.900 342.0 5.920E-01 27.50 5.019E-01 42.900 343.0 5.920E-01 27.50 5.019E-01 42.900 343.0 5.920E-01 27.50 5.019E-01 43.000 343.0 5.932E-01 27.50 5.018E-01 27.50 5.019E-01	4		5.827E-01	27.01	5.0198-01	-4.139E-04	4.458E C2			-1.6716-0
41.500 343.5 5.835E-01 27.11 5.019E-01 42.000 344.C 5.85E-01 27.15 5.019E-01 42.200 344.C 5.85E-01 27.25 5.019E-01 42.200 343.5 5.86E-01 27.25 5.019E-01 42.300 343.5 5.86E-01 27.25 5.019E-01 42.500 343.5 5.85E-01 27.36 5.020E-01 42.500 343.6 5.85E-01 27.38 5.020E-01 42.500 343.6 5.82E-01 27.38 5.019E-01 42.500 343.6 5.82E-01 27.44 5.019E-01 42.500 343.6 5.82E-01 27.45 5.019E-01 42.500 343.6 5.82E-01 27.45 5.019E-01 42.500 343.6 5.83E-01 27.56 5.018E-01 43.000 343.6 5.83E-01 27.50 5.018E-01	41		9.8169-01	27.67	5.0196-01	-8.242E-04	.4538			-2.512E-0
42.000 344.C 5.653E-01 27.16 5.019E-01 42.100 344.C 9.871E-01 27.25 5.019E-01 42.300 343.5 9.871E-01 27.25 5.019E-01 42.300 343.5 9.900E-01 27.35 5.019E-01 42.500 343.5 9.900E-01 27.34 5.020E-01 42.500 343.6 9.917E-01 27.34 5.020E-01 42.600 343.6 9.917E-01 27.38 5.020E-01 42.600 343.6 5.920E-01 27.36 5.019E-01 42.900 343.6 5.932E-01 27.56 5.019E-01 43.000 343.6 5.932E-01 27.56 5.018E-01	41		5.835E-01	27.11	5.019F-01	-1.550E-04	. 46 1E	64E		-5.943E-0
42.100 344.C 9.871E-01 27.22 5.C19E-01 42.200 343.5 5.68E-01 27.25 5.C19E-01 42.200 343.5 5.68E-01 27.25 5.C19E-01 42.400 343.5 5.68E-01 27.34 5.C20E-01 42.400 343.5 5.68E-01 27.34 5.C20E-01 42.400 343.6 5.68E-01 27.38 5.020E-01 42.400 343.6 5.68E-01 27.44 5.019E-01 42.400 343.6 5.68E-01 27.45 5.019E-01 42.400 343.6 5.68E-01 27.56 5.C18E-01 43.000 343.6 5.932E-01 27.56 5.C18E-01	42		5.6535-01	27.16	610	3.690E-04	3694	386		1.1256-0
42.200 343.5 5.882F-01 27.25 5.019F-01 42.300 343.5 5.976F-01 27.25 5.020F-01 42.400 343.5 5.976F-01 27.34 5.020F-01 42.400 343.5 5.977F-01 27.38 5.020F-01 42.400 343.6 5.977F-01 27.48 5.019F-01 42.900 343.6 5.977F-01 27.55 5.019F-01 42.900 343.6 5.977F-01 27.56 5.019F-01 43.000 343.6 5.977F-01 27.56 5.018F-01	42		9.8711-01	17.22	613	-1.378F-04	4786	25.76		-4-100E-0
42.300 343.5 9.5(4-01 27.30 5.020E-01 42.500 343.5 9.900E-01 27.34 5.020E-01 42.500 343.5 9.900E-01 27.34 5.020E-01 42.500 343.8 9.917E-01 27.34 5.020E-01 42.600 343.8 5.923E-01 27.55 5.019E-01 42.900 343.8 5.926E-01 27.56 5.019E-01 43.000 343.8 5.937E-01 27.56 5.018E-01	62		C. 882E-01	27.28	010	-7.323E-04	76 36			-2 22 25-0
42.500 343.5 9.851E-01 27.34 5.620E-01 42.500 343.6 9.851E-01 27.34 5.020E-01 42.500 343.8 5.020E-01 27.38 5.020E-01 42.500 343.8 5.020E-01 27.44 5.019E-01 42.500 343.8 5.020E-01 27.55 5.019E-01 42.900 343.8 5.920E-01 27.56 5.019E-01 43.000 343.8 5.932E-01 27.50 5.018E-01	6.3		G. C. 66- C. 1	27.30		-4. 880E-04	4036	3000	1.6306	-2 003E-0
42.500 343.5 5.851E-01 27.34 5.020E-01 42.500 343.6 5.823E-01 27.46 5.019E-01 42.500 343.6 5.923E-01 27.55 5.019E-01 42.900 343.6 5.937E-01 27.55 5.018E-01 43.000 343.6 5.937E-01 27.60 5.018E-01 43.000 343.6 5.937E-01 57.60 5.018E-01 57.60 57.	4.3		10000	33 34		337.	0 3137	3000		0 1000
42.500 343.5 5.8518-01 27.58 5.0208-01 42.500 343.8 5.9238-01 27.48 5.0198-01 42.900 343.8 5.9208-01 27.55 5.0198-01 42.900 343.8 5.9388-01 27.56 5.0188-01 43.000 343.8 5.9388-01 27.60 5.0188-01	15		10-1006.6		10-3020-6	1. 1. 4t-03	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3326		20000
42.600 343.6 9.51F-01 27.44 5.019E-01 - 42.700 343.8 5.923E-01 27.52 5.019E-01 42.900 342.8 5.941E-01 27.56 5.019E-01 - 43.000 343.8 5.93E-01 27.56 5.018F-01 -	*	343	5.851E-01	21.38	2.0201-01	-5.229E-04	. 46 7E C	. 346E		+1.594E-0
42.700 343.8 5.9235-01 27.48 5.019E-01 42.609 343.8 5.9205-01 27.55 5.019E-01 42.900 343.8 5.932E-01 27.60 5.018E-01 - 43.000 343.8 5.932E-01 27.60 5.018E-01 -	*	343	9.517E-01	\$1.44	2.0196-01	-8.629E-04	0	.365E	30€	-2.630E-0
42.600 343.8 5.920E-01 27.52 5.019E-01 42.900 342.8 5.941E-01 27.56 5.018E-01 -43.000 343.8 5.937E-01 27.60 5.018E-01 -	42	343	6.9235-01	27.48	610	1.0476-05	0	377E.		3.192E-0
300 42.900 342.8 5.641E-01 27.56 5.618E-01 -	4.2	343	5.5205-01	27.52	610	1-4501-05	4.500E 02	. 385E	1.530E 01	4.420E-04
50C 43.C00 343.E 5.932E-01 27.60 5.618E-01	300 42	342	5.541E-01	27.56	C18	~	0	4016	396 S	-7.2156-0
	\$ 205	343	5.932F-01	27.60	618	-1.CRCE-03	. 505F C	4146	356	-3-291E-02
	100	242	5 6 190-01	27 63	010	1 2006 03	. 000	****		
10-2410.0	200			13017	5	-1-500E-03			103:00	

EXPERIMENTAL CATA

FCCR	RCN	USCL.	TENS I JN	LENGTH V	VELOCITY	ACCEL.	1EASICA	LENGTH	VELCCITY	ACCEL.
Sec	SfC	DEG	185	F.1	F T/SEC	F1/SEC/SEC	4740	ð	CM/SEC	CM/SEC/SEC
43.20C	43,300	343.5	15:	27.17	3610	-7.525E-04	4.457E C2	35 34 .	30E	-2.2946-
63.330	61	342.5	2.9655-01	27.83	5. CIRE-01	.013	4	8.482E 02	1.530E 01	9.184E-03
63.400	-	343.5	9.9025-01	27.88	020E	-8.38 7F-04	45 1E	3135	530E	-2.556E-0
63.500	7	343.5	10-3006-5	21.52	610	-1.845E-03	451E	3505 ·		-5.623E-
2000	•	344.0	19-1928-5	25.12	200	-3.5456-05	1 + R + .	1876.	530E	-1.0806-03
63. 700	43.600	343.8	10-3668-5	20.82	3 6	2.401E-04	300	100	1.5306 01	7.318E-03
, ,	006.54	343.6		00.00	410	-1.1205-04	72	17:50	2020	60-3514.6-
:	000***	343.5	10-3816-6	28-11	3 ;	-1.035E-04	7	. 568 E	5306	-3.168
64.000	44.100	343.6		28.15	610	-2.852E-04		EIE	. 530E	-8.693E-
001.49	4	34 3 . 8	•	58.15	2	-1.381E-03	-	316	.530E	-4.20SE-
64.200	44.300	343.8	10-11666	58.54	3	-8.226E-04	_	363		-2.507E
•	;	343.1	10-3095-5	78.21	810	3.867E-04		166	3525 ·	1.175E-
64.400	44.500	342.6	9.566=-01	28.32	5.C17E-01	-3.529E-04		32E	529E	-1.076F
005-49	44.600	343.1	9.587E-01	28.35	6	1.072E-04		41E	. 529E	3.266F-
94.600	44.700	343.8	5.5E5E-01	28.41	5	4.141E-04		35E	.530E	1.262F
002 - 49	44.800	343.5	10-5666.5	28.45	CS	-6.09E-04	-0	716	.530E	-1.859
£4. 80C	3	343.5	10-3055.5	28.51	05	-1.018E-03		\$ 1E	.530E	-3.104E-
64.900	S	343.6	2.5145-01	28.58	5			116	. 53CE	-3.529E-
65.000	45.100	344.6	9.958E-01	28.63	5.020E-C1			362	30€5	-4.261E-
65.100	45.200	343.5	5.972F-01	28.67	5			3 SE	. \$30E	-3.632E-
65.200	45.300	342.5	10-4/15.2	28.13	6	-4-222E-04		266	.530E	-1.287E-
65.300	יחש	343.5	9.5825-01	28.79	5	1.020E-03	4. 528E 02			3.109
004-19	005-50	343.8	6.595-01	28.82	5.020E-01		-	1	. 530E	-5.84CE-
65.500	45.600	343.5	5 -5 BCE-01	28.87	5	-2.73 TE-03	770	300	.530E	-6.342E-
19.60	45. 700	343.5	10-3066°5	16.87	5			3	. 529E	-2.502E-
65. 700	45.600	343.5	5.553E-01	58.96	5	-8.701E-04	_	276	1.529E 01	-2.652E-
95.800	45.900	343.6	1.00ZE 00	00 - 62	3	3.580E-04	77	356	.528E	1.213
12. 90¢	46.000	343.1	1.0055 00	29.04	5.017E-01	8 .983E-04		S IE	.529E	2.738€
99.030	46.100	343.8	1.cc5F 0C	29.08	5		-	979	.529E	-2.706F
001.99	46.200	343.8	1.005€ 00	29.11	5.016F-01	-1.84 IE-03	_	346	.529E	-5.611E-
£ 6.266	46.300	343.6	1.0C5E 00	29.17	5.016 E-01		.557E	ESCE	1.5296 01	-2.674E
99. 300	46.400	342.5	1.CC4= CC	29.21	5.017E-01	1.462E-03	₹254€	300€	\$579E	4.457E
99.400	46.500	343.8	1.0045 00	29.27	5.0196-01	7.646E-04	. 555E	. 52 1E	. 530E	2.330E-
66.500	46.600	344.0	1.003E 00	26.62	5.020E-01	-1.165E-03	3695	.937E	.530E	-3.551E-
66.600	46.700	343.5	1 .005€ 00	29.37	610	-6.167E-C4		.551E	.530E	-1.886E-
66. 700	46.800	343.5	1.006E 00	29.45	0	-2.37 IE-04	. 56 ¿E	. SEEE	.530E	-7.244E-
99.600	46.500	343.5	1.0€5 0€	3		-1.764E-04	309¢	Sece	.530E	-5.378E-
006-99	47.000	343.8	1.005E 00	a,	.020	3.480E-04	. 558E	. 553E	.530E	1.061
97.666	47.100	343.6	1.0045 00	5	5.0196-01	-5.640F-06	3235.	.CC3E	.530E	-1.719E-
67.100	41.200	343.8	1.0C5E 0C	29.60	610.	-1.0426-03	.555E	.022E	.530E	-3.175E
67.200	47.300	343.6	1.0065 00		.020	-5.620E-04	3195.	9.033E 02	.530E	-2.932E-
€1.30€	47.400	343.6	1.005F 00		50	-5-180E-04	309¢		. 529E	-1.575E-
67.400	47.500	343.6	1.00 :4500.1	29.13	8	-1.4675-03	395€	.060E	.530E	-4.472E-
€7.366	47.600	343.7	1.002 00	29.11	.016	-1.064E-03	.54€€	.C13E	525E	-3.244E-
61.600	47.700	341.6	1.0025 00	29.83	5-017F-01	-4-04 1 E-04	446		A SOF	-1-23BE-
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EXPERIMENTAL CATA

2 .		TENS ION	Z	LENGTH	GTH VELOCITY	ACCFL.	TENSICA	LENGTH	VELCCITY	ACCEL.
SEC	010	LAS		1.1	F1/SEC	F1/SEC/SEC	CRAP	ð	CM/SEC	CM/SEC/SEC
•	343	0	00	15.62	10.	1.26 lE-	56.3E		.529E	3.84
4	342		00	55.62	.017	-8.873E-04	.5616	30E		2.706
	00 343.5	1.0045	20	30.01	5.017E-01	-1.6725-03	4.555E 02		1.529€ 01	-3.26eF-02
•	343	٠.	00	30.06			.55€€		10 3525 1	604
4	343	٠.	S	30.11	017E	.C73E	355€	.1768		2.461E-
4	343	0	00	30.15	5.C17E-01	1.1CSE-03	ш	. 185E		m
4	343	•	00	30.20	018E-	2.989E-04	384	.205E		1116-
•	343	1.005E	00	30.26	5. C19E-C1	-2. 78CE-04	557E	23 €		472F
4	343	0	00	30.79	37 10		3155	.232E	.529E	079E
4	343		200	30.34	\$86	-	3099	345E		.257E
4	344	0	00	30.40	. E55E		513E	. 265E	3084.	5.770E
4	344	٠.	00	30.46	623	~	3716		3634.	401E
*	344	٥	00	36.50	4.356E-01	-2.811E-01	3185	3562€	.328E	8.567E
*	344	0	00	30.53	4.C87E-01	-2.65 7E-01	37 7E		.246E	8.82SE
200 45.3	344	0	00	30.57		-	3519	361 €	1. 163E 01	
•	344	0	00	30.60	3.552E-C1		633E	328E	.083E	.534E
4	344	c.	00	30.66	3.256E-01	.78	545E	. 344E	.005E	.473€
4	346	0	00	30.69	3. C43 E-01	-2.734F-01	55 1E	3556	3475.	.333€
•	345	0	00	30.74	2.7835-01	"	30 99	37CE	.483€	-422E
•	345	0	00	30.76	2.524 5-01	.15	3599	.376E		. 389E
4	345	1.032	00	3C. EC	2.265E-01	~	581E		-905E	8.407E
5		0	00	30.81	2.002E-01			352E	.102E	-8-418E 00
~	345		00	30.64	1.745E-01		3859	3034.	311E	323E
S	345	•	9	30.86	1.4886-01		.701E		.535E	8-427E
5	345	9	00	30.86	1.230E-01		-	-4C 3E	. 15CE	21 DE
5	345	1.042F	0	30. 69	9. 707E-02		.727E	.414E		397E
~	345	•	00	20.89	.155	-2.721E-01	133€	415E	1816	294E
•	345	0	00	30.90	4.632E-02	-2.623E-01		9.417E 02	1.412E 00	994E
	345	-	၁	30.50	. 269	-2.363E-01	4.742E 02	417E	1156-	201E
	345	-	00	30.88	839	-	4. 740E C2	413E	-	264E
	345	1.0	00	30.66	-3.632E-03	-4.951E-02	306	-407F	. 168E-	-1.505E 00
	343	-	200	30.64	276	-1.170E-03	20 1877.4	101	10-36-01-	-3.5661-02
	345		200	30.63	916	1. 22 CE - 02	7.1636 02	1000	10-3416-01-	•
	345		200	20.56	27.6156-03	3 76.0E-03	4 4936 02		77 447 5-02	
	345	0.4	200	20.84	10	4 0205-04	4 6 79E 02	46.46	-7 328E-03	-
	345	1.0	00	30.86	495		4-564F 02	ACRE	-7-6C5F-02	- 9
	345	1.0	00	30.86	5 3 3	-2.012F-03	3597	406	-7.7216-02	4
	346		00	30.86	-2.5336-03		64 3E	4C7E	-7.721F-02	- 5
	345	1.0	00	30.87	554	-	-624€	4C8E	-7.784E-02	-3
	345	1.0	00	30.86	-2.369E-03	-	PISE	4CAE	-7.220E-02	-
	345	1.6	00	30.86	. 548	-1.235F-93	300c	40 PE	-7.765F-02	-3
	345	1.0	00	30.87	424	1.1976	363F	4CRE	-7-389 E-02	-
	345	1.0	00	30.86	2.473	1.488	5 P B F	4CEF	-7.539F-02	-
									4	
	176			14 700	t	1	,	4509	-1 BBE-03	

EXPERIMENTAL CATA

	ACCEL.		CN/SEC/SEC	-4.1336-02	-4.273E-02	-4.123E-02	-4. 184E-02	-4.246F-02	-3.3596-02	-3.664E-02	-3.757E-02	-3.070E-02	-3.583E-02	-4.030E-02	-2.662F-02	-3.575E-02	-3.868E-02	-3.256E-02	-3.708E-02
CALLS	VELCCITY		CM/SEC	-7.286E-02	-8.079E-02	-7.613E-02	-7.64 ZE-02	-7.158E-02	-7.637E-02	-7.1C7E-02	-7.043E-02	-7.023E-02	-7.328E-02	-7.569E-02	-7.655E-02	-7.838E-02	-7.947E-02	-7.5CZE-02	-8.386E-02
71 HIT	LENGTH		ð	9.4C1E 02	9.400E 02	9.35EE 02	9.403E 02	_	9.4CEE 02	_	_	-	_	_	_	-	_	-	9.403E 02
	TENSICA		GP 24	4.576F C2	4.571E 02	-	4.57CE C2	_	_	_	_		-	70	_	_		_	4.660E 02
	ACCEL.		F 1/SEC/SEC	-1.356F-03	-1.402E-03	-1.3536-03	-1.3736-03	-1.3936-03	-1.102E-03	-1.202E-03	-1.233E-03	-1.007E-03	-1.175E-03	-1.322E-03	-8.733E-04	-1.1736-63	-1.265E-03	-1.068E-03	-1,217E-03
THIS I'M CALL	VEL 0C 17Y		F1/SEC	-2,393F-03	-2. 651 E-03	-2.458E-03	-2.507E-03	-2.361E-03	-2.506E-03	-2.332E-03	-2.311E-03	-2.304 E-03	-2.4C4E-03	-2.614E-03	-2.526E-03	-2.572E-03	-2.607E-03	-2.461E-03	-2.751E-C3
176W3	LENGTH		11	30.84	30. 64	30.83	30.65	30.86	30.86	30.66	30.86	30.87	30. 67	30.6€	30.67	30.€€	30.86	30.84	30.65
	TENSICN		183	1.0056 00	1.0€ €	_	1. € 85 00	-	-		_			_	-	1			1.027E 00
	CSC1.	ANGLE	DEG	345.0	345.6	345.0	345.1	345.6	345.1	345.1	345.1	345.1	345.6	345.1	345.1	345.	345.1	345.0	345.6
	2	1146	SFC	0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0
	RCCH	TIME	SEC	72.400	12.500	35.600	12.700	208.72	72.900	73.000	73.100	13.200	73.300	13.400	73.500	73.600	73.700	73.800	13.900

EXPERIMENTAL DATA

Tension Lehning First Charles Lehning		ACCE VELL DECE RUN FINIT	ACCELERATION, FPSZ VELUCITY, FPS OECELERATION, FPSZ RW TIME, SEC INTIAL LENGTH, FT FINAL LENGTH, FT	::::::	REEL-IN 0.25 0.50 0.50 117.00 30.00 -10.70	AMPLITUG.	HZ 00	•••	MRC = 117 NGHN = 6000 KV = 1.290 KA = 1.210	117 6000 1.2906-01 1.2106-01
LOSS FT FT/SEC FT/SEC/SEC GRAN CN CN/SEC	84	CL.		LENGTH	ISH UNITS	ACCEL	TENSION	LENGTH	5	ACCEL.
1.013E 00 32.52		DEG	185	t	FT/SEC	FT/SEC/SEC	GRAM	5	CN/SEC	CN/SEC/SEC
1.019F 00 32.34 -4.531E-03 -2.133E-03 4.605E 0.2 9.655E 02 -1.400E-01 1.019F 00 32.35 -4.531E-03 -2.173E-03 4.615E 0.2 9.651E 0.2 1.231E-01 1.017E 00 32.35 -4.006E-03 -2.173E-03 4.615E 0.2 9.651E 0.2 1.231E-01 1.017E 00 32.34 -4.016E-03 -1.873E-03 4.651E 0.2 9.651E 0.2 1.231E-01 1.014E 00 32.34 -3.875E-03 -1.875E-03 4.591E 0.2 9.655E 0.2 1.231E-01 1.013E 00 32.32 -3.806E-03 -1.946E-03 4.594E 0.2 9.655E 0.2 1.181E-01 1.013E 00 32.33 -3.996E-03 -1.946E-03 4.599E 0.2 9.655E 0.2 1.181E-01 1.013E 00 32.33 -3.990E-03 -1.741E-03 4.599E 0.2 9.655E 0.2 1.181E-01 1.013E 00 32.31 -3.990E-03 -1.741E-03 4.599E 0.2 9.655E 0.2 1.181E-01 1.013E 00 32.31 -3.990E-03 -1.741E-03 4.599E 0.2 9.655E 0.2 1.181E-01 1.013E 00 32.31 -3.990E-03 -1.741E-03 4.599E 0.2 9.655E 0.2 1.181E-01 1.013E 00 32.31 -3.990E-03 -1.741E-03 4.599E 0.2 9.655E 0.2 1.181E-01 1.013E 00 32.32 -4.062E-03 -1.741E-03 4.599E 0.2 9.659E 0.2 1.181E-01 1.014E 00 32.32 -4.062E-03 -1.761E-03 4.599E 0.2 9.659E 0.2 1.181E-01 1.014E 00 32.32 -4.062E-03 -1.999E-03 4.599E 0.2 9.646E 0.2 1.181E-01 1.014E 00 32.32 -4.062E-03 -1.999E-03 4.599E 0.2 9.646E 0.2 1.181E-01 1.014E 00 32.32 -4.062E-03 -1.999E-03 4.599E 0.2 9.646E 0.2 1.181E-01 1.014E 00 32.31 -3.965E-03 -1.999E-03 4.599E 0.2 9.646E 0.2 1.181E-01 1.014E 00 32.31 -3.965E-03 -1.999E-03 4.594E 0.2 9.646E 0.2 1.181E-01 1.014E 00 32.31 -3.965E-03 -1.999E-03 4.596E 0.2 9.646E 0.2 1.181E-01 1.014E 00 32.31 -3.965E-03 -1.999E-03 4.596E 0.2 9.646E 0.2 1.164E-01 1.013E 00 32.33 -3.991E-03 -1.809E-03 4.596E 0.2 9.654E 0.2 1.164E-01 1.013E 00 32.33 -3.979E-03 -1.809E-03 4.596E 0.2 9.654E 0.2 1.164E-01 1.013E 00 32.33 -3.979E-03 -1.809E-03 4.596E 0.2 9.654E 0.2 1.164E-01 1.014E 00 32.33 -3.979E-03 -1.809E-03 4.596E 0.2 9.654E 0.2 1.164E-01 1.014E 00 32.33 -3.979E-03 -1.809E-03 4.596E 0.2 9.654E 0.2 1.164E-01 1.014E 00 32.33 -3.979E-03 -1.809E-03 4.596E 0.2 9.654E 0.2 1.164E-01 1.014E 00 32.33 -3.979E-03 -1.809E-03 4.596E 0.2 9.654E 0.2 1.164E-01 1.014E 00 32.33 -3.979E-03 -1.809E-03 4.596E 0.2 9.654E 0.2 1.164E-01 1.014E 00 32.33	-	145.9	013E		-4.310E-03	-1.408E-03	4.593E 02	1	.314E	-4.293E-02
1.019F 00 32.33 4.286E-03 -2.13E-03 4.631E 02 9.851E 02 -1.307E-01 1.019F 00 32.34 4.016E-03 -1.607E 02 9.851E 02 -1.221E-01 1.014E 00 32.34 -3.955E-03 -1.807E-03 4.657E 02 9.852E 02 -1.221E-01 1.014E 00 32.32 -3.956E-03 -1.807E-03 4.597E 02 9.852E 02 -1.205E-01 1.013E 00 32.32 -3.906E-03 -1.946E-03 4.594E 02 9.852E 02 -1.191E-01 1.013E 00 32.33 -3.906E-03 -1.747E-03 4.594E 02 9.852E 02 -1.191E-01 1.013E 00 32.31 -3.990E-03 -1.747E-03 4.594E 02 9.859E 02 -1.191E-01 1.013E 00 32.33 -3.990E-03 -1.747E-03 4.594E 02 9.859E 02 -1.177E-01 1.013E 00 32.33 -3.990E-03 -1.747E-03 4.594E 02 9.859E 02 -1.177E-01 1.014E 00 32.32 -3.990E-03 -1.701E-03 4.594E 02 9.850E 02 -1.101E-01 1.014E 00 32.32 -4.002E-03 -1.701E-03 4.594E 02 -1.201E-01 -1.101E-03 -1.014E 00 32.32 -4.002E-03 -1.991E-03 4.594E 02 -1.201E-01 -1.201E-01 -1.014E 00 32.32 -4.002E-03 -1.991E-03 4.594E 02 -1.201E-01 -1.201E-01 -1.014E 00 32.33 -4.002E-03 -1.991E-03 4.594E 02 -1.201E-01 -1.201E-01 -1.014E 00 32.33 -4.002E-03 -1.991E-03 4.594E 02 -1.201E-01 -1.201E-01 -1.014E 00 32.33 -3.991E-03 -1.991E-03 4.594E 02 -1.201E-01 -1.201E-01 -1.014E 00 32.33 -3.991E-03 -1.991E-03 4.594E 02 -1.201E-01 -1.014E 00 32.33 -3.991E-03 -1.991E-03 4.594E 02 -1.201E-01 -1.014E 00 32.33 -3.991E-03 -1.991E-03 4.594E 02 -1.201E-01 -1.014E 03 -1.201E-03 -1.000E-03 4.594E 02 -1.104E-01 -1.014E 03 -1.201E-03 -1.000E-03 4.594E 02 -1.104E-01 -1.014E 03 -3.33 -3.901E-03 -1.000E-03 4.594E 02 -1.104E-01 -1.014E 03 -1.000E-03	7	344.9	3610		-4.593E-03	-2.303E-03		-	-1.4006-01	-7.019E-02
1.01		344.9	9610		-4.288E-03	-2.173E-03			-1.307E-01	-6.623E-02
1.0156 00 32.34		345.0	01 TE		-4.006E-03			7	-1.221E-01	-6.978E-02
1,0146 00 32,34 -3,9536-03 -1,8076-03 4,5976 0.2 9,8566 0.2 -1,2056-01 1,0116 00 32,32 -3,9676-03 -1,9666 0.2 9,8566 0.2 -1,11826-01 1,0116 00 32,33 -3,9646-03 -1,7476-03 4,5946 0.2 9,8546 0.2 -1,11826-01 1,0116 00 32,31 -3,9646-03 -1,7646-03 4,5946 0.2 9,8566 0.2 -1,11866-01 1,0116 00 32,31 -3,9926-03 -1,7646-03 4,5956 0.2 9,856 0.2 -1,11866-01 1,0116 00 32,31 -3,9926-03 -1,6956 0.3 4,5946 0.2 -1,11866-01 1,0116 00 32,32 -3,9926-03 -1,6956 0.3 4,5966 0.2 -1,11866-01 1,0116 00 32,32 -3,9926-03 -1,6966 0.3 -1,5966 0.2 -1,2166-01 1,0116 00 32,32 -4,0826-03 -1,9966 0.3 -1,5966 0.2 -1,2166-01 1,0116 00 32,32 -4,0826-03 -1,9966 0.3 -1,5966 0.2 -1,2166-01 1,0116 00 32,32 -4,0826-03 -1,9966 0.3 -1,5966 0.2 -1,2166-01 1,0116 00 32,32 -3,9966 0.3 -3,9966 0.3 -3,9966 0.3 -1,2166-01 1,0116 00 32,32 -3,9966 0.3 -3,9966 0.3 -3,9966 0.3 -1,2166-01 1,0116 00 32,33 -3,9966 0.3 -3,9966 0.3 -3,9966 0.3 -1,1866-01 1,0116 00 32,33 -3,9966 0.3 -3,9966 0.3 -3,9966 0.3 -1,1966-01 1,0116 00 32,33 -3,9966 0.3 -3,9966 0.3 -3,9966 0.3 -1,1866-01 1,0116 00 32,33 -3,9966 0.3 -3,9966 0.3 -3,9966 0.3 -1,1866-01 1,0116 00 32,33 -3,9966 0.3 -3,9		344.7	015E		-4.014E-03	-			-1.2236-01	-6.012E-02
1.0146 00 32, 32		344.4	3410		-3.953E-03	7	597E		-1-205E-01	-5.751E-02
1.013E 00 32.32		344.4	014E	32.	-3.879E-03	-1.821E-03			-1.182E-01	-5.551E-02
1.013E 00 32.31		34.4	0136	32.	-3.906E-03	-1.9466-03	594E		-1.1916-01	-5.931E-02
1,013E 00 32.31 -3.804E-03 -1.761E-03 4.599E 02 9.850E 02 -1.2178E-01 1.013E 00 32.32 -3.990E-03 -1.761E-03 4.599E 02 9.850E 02 -1.2178E-01 1.013E 00 32.32 -3.990E-03 -1.699E-03 4.599E 02 9.850E 02 -1.2178E-01 1.013E 00 32.32 -3.990E-03 -1.699E-03 4.599E 02 9.850E 02 -1.2178E-01 1.014E 00 32.32 -4.034E-03 -1.809E-03 4.599E 02 9.850E 02 -1.216E-01 1.014E 00 32.30 -4.034E-03 -1.999E-03 4.599E 02 9.846E 02 -1.216E-01 1.014E 00 32.30 -4.034E-03 -1.999E-03 4.599E 02 9.846E 02 -1.259E-01 1.013E 00 32.30 -4.036E-03 -1.999E-03 4.599E 02 9.846E 02 -1.259E-01 1.013E 00 32.31 -3.995E-03 -1.999E-03 4.594E 02 9.846E 02 -1.259E-01 1.013E 00 32.31 -3.995E-03 -1.999E-03 4.594E 02 9.846E 02 -1.259E-01 1.013E 00 32.32 -3.990E-03 -1.806E-03 4.594E 02 9.85EE 02 -1.242E-01 1.013E 00 32.32 -3.990E-03 -1.806E-03 4.594E 02 9.85EE 02 -1.164E-01 1.013E 00 32.32 -3.990E-03 -1.806E-03 4.594E 02 9.85EE 02 -1.164E-01 1.013E 00 32.33 -3.918E-03 -1.806E-03 4.594E 02 9.85EE 02 -1.164E-01 1.013E 00 32.33 -3.920E-03 -1.806E-03 4.594E 02 9.85EE 02 -1.164E-01 1.013E 00 32.33 -3.920E-03 -1.804E-03 4.594E 02 9.85EE 02 -1.164E-01 1.013E 00 32.33 -3.920E-03 -1.804E-03 4.594E 02 9.85EE 02 -1.164E-01 1.014E 00 32.33 -3.920E-03 -1.804E-03 4.594E 02 9.85EE 02 -1.164E-01 1.014E 00 32.33 -3.920E-03 -1.804E-03 4.594E 02 9.85EE 02 -1.164E-01 1.014E 00 32.33 -3.920E-03 -1.804E-03 4.594E 02 9.85EE 02 -1.164E-01 1.014E 00 32.31 -3.920E-03 -1.804E-03 4.594E 02 9.85EE 02 -1.164E-01 1.014E 00 32.31 -3.920E-03 -1.804E-03 4.594E 02 9.846E 02 -1.164E-01 1.014E 00 32.31 -3.901E-03 -1.804E-03 4.594E 02 9.846E 02 -1.164E-01 1.014E 00 32.31 -3.901E-03 -1.804E-03 4.594E 02 9.846E 02 -1.164E-01 1.014E 00 32.31 -3.901E-03 -1.804E-03 4.594E 02 9.846E 02 -1.164E-01 1.014E 00 32.31 -3.901E-03 -1.804E-03 4.594E 02 9.846E 02 -1.164E-01 1.014E 00 32.31 -3.901E-03 -1.804E-03 4.594E 02 9.846E 02 -1.184E-01 1.014E 00 32.31 -3.901E-03 -1.804E-03 4.594E 02 9.846E 02 -1.184E-01 1.014E 00 32.31 -3.901E-03 -1.804E-03 4.594E 02 9.846E 02 -1.184E-01 1.014E 00 32.31 -3.901E-03 -1.804E-03 4		344.4	0136		-3.888E-03	-1.747E-03	294E		-1.1856-01	-5.326E-02
1.0136			30146		-3.864E-03		599E		-1-1786-01	-5.434E-02
1,0135 00 32.32 -3.975E-03 -1.769E-03 -4.594E 02 -4.601E 02 -4.601E 02 -4.601E 03 -4.601E 03 -4.601E 03 -4.601E 04 -4.601E 05 -4.601E 04 -4.601E 05 -4.601E 04 -4.601E 05 -4.			2710		-3.992E-03	-	3926		-1.2176-01	-5.366E-02
1.0146 00 32.31 -3.9916-03 -1.8316-03 4.6016 32 9.8496 02 -1.2466-01 1.0146 00 32.32 -4.0326-03 -1.9386-03 4.5996 02 9.8466 02 -1.2466-01 1.0146 00 32.30 -4.0346-03 -1.9746-03 4.6036 02 9.8466 02 -1.2596-01 1.0136 00 32.30 -4.0456-03 -1.9896-03 4.6036 02 9.8466 02 -1.2596-01 1.0136 00 32.31 -3.9656-03 -1.9896-03 4.5946 02 9.8466 02 -1.2466-01 1.0136 00 32.31 -3.9656-03 -1.9896-03 4.5946 02 9.8466 02 -1.2386-01 1.0136 00 32.32 -3.8966-03 -1.8066-03 4.5946 02 9.8546 02 -1.2386-01 1.0136 00 32.33 -3.7996-03 -1.8266-03 4.5946 02 9.8546 02 -1.1646-01 1.0136 00 32.33 -3.7996-03 -1.8166-03 4.5946 02 9.8546 02 -1.1646-01 1.0136 00 32.33 -3.7996-03 -1.8166-03 4.5946 02 9.8546 02 -1.1646-01 1.0146 00 32.33 -3.7996-03 -1.8166-03 4.5946 02 9.8546 02 -1.1646-01 1.0146 00 32.33 -3.7996-03 -1.8166-03 4.5946 02 9.8546 02 -1.1646-01 1.0146 00 32.33 -3.7996-03 -1.8166-03 4.5946 02 9.8546 02 -1.1646-01 1.0146 00 32.33 -3.7996-03 -1.8166-03 4.5946 02 9.8546 02 -1.1646-01 1.0146 00 32.33 -3.7996-03 -1.8166-03 4.5946 02 9.8546 02 -1.1646-01 1.0146 00 32.33 -3.7996-03 -1.8046-03 4.5946 02 9.8546 02 -1.1646-01 1.0146 00 32.31 -3.7996-03 -1.9256-03 4.5946 02 9.8546 02 -1.1646-01 1.0146 00 32.31 -3.7996-03 -1.9256-03 4.5946 02 9.8646 02 -1.1646-01 1.0146 00 32.31 -3.7996-03 -1.9256-03 4.5946 02 -1.1646-01 1.0146 00 32.31 -3.7996-03 -1.9256-03 4.5946 02 9.8466 02 -1.1646-01 1.0146 00 32.31 -3.7996-03 -1.9236-03 4.5946 02 9.8466 02 -1.1646-01 1.0146 00 32.31 -3.7996-03 -1.9336 02 03.7996-03 -1.9336 02 03.7996-03 -1.9336 02 03.7996 03 03.7996 03 03.7996 03 03.7996 03 03.7996 03 03.7996		14.4.	35 10		-3-922E-03		594E		-1-198F-01	-5.3916-02
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1,013E 00 32.31		344.4	0136		-4.045E-03	7	597E		-1.233E-01	-6.062E-02
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1.013E 00 32.33 -3.019E-03 -1.000E-03 4.591E 02 5.05E-01 1.106E-01 1.013E 00 32.33 -3.019E-03 -1.000E-03 4.591E 02 5.05E-02 -1.106E-01 1.013E 00 32.33 -3.799E-03 -1.772E-03 4.596E 02 9.055E 02 -1.106E-01 1.013E 00 32.33 -3.742E-03 -1.015E-03 4.596E 02 9.055E 02 -1.106E-01 1.013E 00 32.33 -3.742E-03 -1.004E-03 4.596E 02 9.055E 02 -1.106E-01 1.014E 00 32.33 -3.000E-03 -1.004E-03 4.596E 02 9.055E 02 -1.106E-01 1.014E 00 32.33 -3.799E-03 -1.004E-03 4.590E 02 9.056E 02 -1.106E-01 1.014E 00 32.31 -3.799E-03 -1.005E-03 4.590E 02 9.040E 02 -1.106E-01 1.014E 00 32.31 -3.790E-03 -1.005E-03 4.590E 02 9.040E 02 -1.106E-01 1.014E 00 32.31 -3.790E-03 -1.005E-03 4.590E 02 9.040E 02 -1.106E-01 1.014E 00 32.31 -3.790E-03 -1.005E-03 4.590E 02 9.040E 02 -1.106E-01 1.014E 00 32.31 -3.790E-03 -1.005E-03 4.590E 02 9.040E 02 -1.106E-01 1.014E 00 32.31 -3.790E-03 -1.005E-03 4.590E 02 9.040E 02 -1.106E-01 1.004E-01 32.30 -3.790E-03 4.590E 02 9.040E 02 -1.106E-01 1.004E-01 32.30 -3.790E-03 -1.005E-03 4.590E 02 9.040E 02 -1.106E-01 1.004E-01 32.30 -3.790E-03 -1.005E-03 4.590E 02 9.040E 02 -1.106E-01 1.004E-01 32.30 -3.790E-03 4.590E 02 9.040E-02 -1.106E-01 1.004E-01 32.30 -3.790E-03 -1.005E-03 4.590E 02 9.040E-02 -1.106E-01 1.004E-01 32.30 -3.790E-03 4.590E-03 4.590E-02 9.040E-02 -1.106E-01 1.004E-01 32.30 -3.790E-03 4.590E-03 4.590E-03 4.590E-02 9.040E-02 -1.106E-01 1.004E-01			* 10		-3-981E-03	-1.801e-03			10-3617-1	-5.490E-02
1.013E 00 32.33 -3.799E-03 -1.838E-03 4.593E 02 5.655E 02 -1.158E-01 1.013E 00 32.33 -3.799E-03 -1.872E-03 4.593E 02 9.854E 02 -1.158E-01 1.013E 00 32.33 -3.742E-03 -1.872E-03 4.596E 02 9.854E 02 -1.149E-01 1.013E 00 32.33 -3.742E-03 -1.844E-03 4.596E 02 9.854E 02 -1.149E-01 1.014E 00 32.33 -3.808E-03 -1.804E-03 4.596E 02 9.854E 02 -1.149E-01 1.014E 00 32.33 -3.808E-03 -1.807E-03 4.599E 02 9.855E 02 -1.164E-01 1.014E 00 32.31 -3.799E-03 -1.879E-03 4.599E 02 9.846E 02 -1.189E-01 1.014E 00 32.31 -3.799E-03 -1.869E-03 4.599E 02 9.846E 02 -1.189E-01 1.014E 00 32.31 -3.791E-03 -1.925E-03 4.590E 02 9.847E 02 -1.184E-01 1.014E 00 32.31 -3.799E-03 -1.925E-03 4.590E 02 9.847E 02 -1.184E-01 1.014E 00 32.31 -3.799E-03 -1.925E-03 4.590E 02 9.847E 02 -1.184E-01 1.014E 00 32.31 -3.799E-03 -1.935E-03 4.500E 02 9.847E 02 -1.184E-01 1.014E 00 32.31 -3.799E-03 -1.935E-03 4.500E 02 9.845E 02 -1.184E-01 1.014E 00 32.31 -3.799E-03 -1.935E-03 4.500E 02 9.845E 02 -1.184E-01 1.014E 00 32.30 -3.799E-03 -1.875E-03 4.500E 02 9.845E 02 -1.184E-01 1.014E 00 32.30 -3.799E-03 -1.875E-03 4.500E 02 9.845E 02 -1.184E-01 1.014E 00 32.30 -3.799E-03 4.500E 02 9.845E 02 -1.184E-01 1.014E 00 32.30 -3.799E-03 4.500E 02 9.845E 02 -1.184E-01 1.014E 00 32.30 -3.799E-03 4.500E 02 9.845E 02 -1.184E-01 1.014E 00 32.30 -3.799E-03 4.500E 02 9.845E 02 -1.184E-01 1.014E 00 32.30 -3.799E-03 4.500E 02 9.845E 02 -1.184E-01 1.014E 00 32.30 -3.799E-03 4.500E 02 9.845E 02 -1.184E-01 1.014E 00 32.30 -3.799E-03 4.500E 02 9.845E 02 -1.184E-01 1.014E 00 32.30 -3.799E-03 4.500E 02 9.845E 02 -1.184E-01 1.014E 00 32.30 -3.799E-03 4.500E 02 9.845E 02 -1.184E-01 1.014E		244.5	3610		-3-6405-03	50-3029·1-			10-3001-1-	-2.54 re-02
1.015E 00 32.32 -3.742E-03 -1.772E-03 4.596E 02 9.854E 02 -1.149E-01 1.015E 00 32.33 -3.742E-03 -1.874E-03 4.596E 02 9.854E 02 -1.149E-01 1.015E 00 32.33 -3.920E-03 -1.844E-03 4.596E 02 9.854E 02 -1.149E-01 1.014E 00 32.33 -3.808E-03 -1.804E-03 4.596E 02 9.856E 02 -1.195E-01 1.014E 00 32.33 -3.808E-03 -1.804E-03 4.596E 02 9.856E 02 -1.164E-01 1.014E 00 32.31 -3.799E-03 -1.805E-03 4.599E 02 9.846E 02 -1.164E-01 1.014E 00 32.31 -3.791E-03 -1.805E-03 4.599E 02 9.846E 02 -1.184E-01 1.014E 00 32.31 -3.791E-03 -1.805E-03 4.590E 02 9.847E 02 -1.184E-01 1.014E 00 32.31 -3.791E-03 -1.935E-03 4.500E 02 9.847E 02 -1.184E-01 1.014E 00 32.31 -3.791E-03 -1.805E-03 4.500E 02 9.846E 02 -1.184E-01 1.014E 00 32.31 -3.791E-03 -1.805E-03 4.500E 02 9.846E 02 -1.184E-01 1.014E 00 32.31 -3.791E-03 -1.875E-03 4.500E 02 9.846E 02 -1.184E-01 1.014E 00 32.31 -3.791E-03 -1.875E-03 4.500E 02 9.846E 02 -1.184E-01 1.014E 00 32.31 -3.791E-03 -1.875E-03 4.500E 02 9.846E 02 -1.184E-01 1.014E 00 32.31 -3.791E-03 -1.875E-03 4.500E 02 9.846E 02 -1.184E-01 1.014E 00 32.31 -3.791E-03 -1.875E-03 4.500E 02 9.846E 02 -1.184E-01 1.014E 00 32.31 -3.791E-03 -1.875E-03 4.500E 02 9.846E 02 -1.184E-01 1.014E 00 32.31 -3.791E-03 -1.875E-03 4.500E 02 9.846E 02 -1.184E-01 1.014E 00 32.31 -3.791E-03 -1.875E-03 4.500E 02 9.846E 02 -1.184E-01 1.014E 00 32.31 -3.791E-03 4.500E 02 9.846E 02 -1.184E-01 1.014E 00 32.31 -3.791E-03 4.500E 03 4.500E 02 9.846E 02 -1.184E-01 1.014E 00 32.31 -3.791E-03 4.500E 03 4.500E 03 9.846E 03 -1.184E-01 1.014E 00 32.31 -3.791E-03 4.500E 03 4.500E 03 9.846E 03 -1.184E-01 1.014E 00 32.31 -3.791E-03 4.500E 03 4.500E 03 9.846E 03 -1.184E-01 1.014E 00 32.31 -3.791E-03 4.500E 03 4.500E 03 9.846E 03 -1.184E-01 1.014E 03 9.846E 03 -1.184E-01 1.014E-01 1.014E 03 9.846E 03 -1.184E-01 1.014E-01 1			3210		2 7006-03	1 6306-03	2760		10-3691	20-36-02
1.013E 00 32.33 -3.742E-03 -1.815E-03 4.596E 02 9.854E 02 -1.140E-01 1.013E 00 32.33 -3.742E-03 -1.815E-03 4.596E 02 9.854E 02 -1.140E-01 1.014E 00 32.33 -3.920E-03 -1.804E-03 4.596E 02 9.855E 02 -1.195E-01 1.014E 00 32.31 -3.790E-03 -1.804E-03 4.596E 02 9.855E 02 -1.161E-01 1.014E 00 32.31 -3.790E-03 -1.805E-03 4.596E 02 9.855E 02 -1.164E-01 1.014E 00 32.31 -3.790E-03 -1.805E-03 4.596E 02 9.846E 02 -1.184E-01 1.014E 00 32.31 -3.791E-03 -1.805E-03 4.500E 02 9.846E 02 -1.184E-01 1.014E 00 32.31 -3.791E-03 -1.805E-03 4.500E 02 9.846E 02 -1.184E-01 1.014E 00 32.31 -3.791E-03 -1.193E-03 4.500E 02 9.846E 02 -1.184E-01 1.014E 00 32.31 -3.791E-03 -1.193E-03 4.500E 02 9.846E 02 -1.184E-01 1.014E 00 32.31 -3.791E-03 -1.193E-03 4.500E 02 9.846E 02 -1.184E-01 1.014E 00 32.31 -3.791E-03 -1.193E-03 4.500E 02 9.846E 02 -1.184E-01 1.014E 00 32.31 -3.791E-03 -1.193E-03 4.500E 02 9.846E 02 -1.184E-01 1.014E 00 32.31 -3.791E-03 -1.193E-03 4.500E 02 9.846E 02 -1.184E-01 1.014E 00 32.31 -3.791E-03 -1.193E-03 4.500E 02 9.846E 02 -1.184E-01 1.014E 00 32.31 -3.791E-03 4.500E 02 9.846E 02 -1.184E-01 1.014E 00 32.31 -3.791E-03 4.500E 02 9.846E 02 -1.184E-01 1.014E 00 32.31 -3.791E-03 4.500E 02 9.846E 02 -1.184E-01 1.014E 00 32.31 -3.791E-03 4.500E 02 9.846E 02 -1.184E-01 1.014E 00 32.31 -3.791E-03 4.500E 02 9.846E 02 -1.184E-01 1.014E 00 32.31 -3.791E-03 4.500E 02 9.846E 02 -1.184E-01 1.014E 00 32.31 -3.791E-03 4.500E 02 9.846E 02 -1.184E-01 1.014E 00 32.31 -3.791E-03 4.500E 03 9.846E 03 9.846E 03 -1.184E-01 1.014E 00 32.31 -3.791E-03 4.500E 03 9.846E 03		244.5	7		3 7406 03	1.0305-03			10-3061-1-	20-36-05
1.013E 00 32.33 -3.920E-03 -1.844E-03 4.594E 02 7.595E 02 -1.195E-01 1.014E 00 32.33 -3.920E-03 -1.844E-03 4.594E 02 7.595E 02 -1.195E-01 1.014E 00 32.33 -3.808E-03 -1.837E-03 4.596E 02 9.855E 02 -1.164E-01 1.014E 00 32.31 -3.799E-03 -1.925E-03 4.599E 02 9.855E 02 -1.164E-01 1.014E 00 32.31 -3.808E-03 -1.869E-03 4.598E 02 9.847E 02 -1.189E-01 1.014E 00 32.31 -3.808E-03 -1.869E-03 4.500E 02 9.847E 02 -1.184E-01 1.014E 00 32.30 -3.791E-03 -1.895E-03 4.600E 02 9.844E 02 -1.184E-01 1.014E 00 32.30 -3.791E-03 -1.893E-03 4.600E 02 9.844E 02 -1.156E-01 1.014E 00 32.30 -3.791E-03 -1.893E-03 4.600E 02 9.844E 02 -1.156E-01 1.014E 00 32.30 -3.791E-03 -1.893E-03 4.600E 02 9.844E 02 -1.156E-01 1.014E 00 32.30 -3.791E-03 -1.875E-03 4.600E 02 9.844E 02 -1.156E-01 1.014E 00 32.30 -3.791E-03 -1.875E-03 4.600E 02 9.844E 02 -1.156E-01 1.014E 00 32.30 -3.791E-03 -1.875E-03 4.600E 02 9.844E 02 -1.156E-01 1.014E 00 32.30 -3.791E-03 4.600E 02 9.844E 02 -1.156E-01 1.014E 00 32.30 -3.791E-03 4.600E 02 9.844E 02 -1.156E-01 1.014E 00 32.30 -3.791E-03 4.600E 02 9.844E 02 -1.156E-01 1.014E 00 32.30 -3.791E-03 -1.875E-03 4.600E 02 9.844E 02 -1.156E-01 1.014E 00 32.30 -3.791E-03 4.600E 02 9.844E 02 -1.156E-01 1.014E 00 32.30 -3.791E-03 4.600E 02 9.844E 02 9.844E 02 -1.156E-01 1.014E 00 32.30 -3.791E-03 4.600E 02 9.844E 02 9.8			100		2 7436-03	50-371-1-			10-3641-1-	-2. 400E-02
1.014E 00 32.33 -3.808E-03 -1.804E-03 4.594E 02 9.855E 02 -1.161E-01 1.014E 00 32.33 -3.808E-03 -1.804E-03 4.598E 02 9.855E 02 -1.161E-01 1.014E 00 32.31 -3.806E-03 -1.805E-03 4.598E 02 9.855E 02 -1.164E-01 1.014E 00 32.31 -3.901E-03 -1.805E-03 4.598E 02 9.848E 02 -1.164E-01 1.014E 00 32.31 -3.806E-03 -2.018E-03 4.500E 02 9.847E 02 -1.189E-01 1.014E 00 32.31 -3.806E-03 -1.809E-03 4.600E 02 9.847E 02 -1.184E-01 1.014E 00 32.30 -3.791E-03 -1.835E-03 4.600E 02 9.846E 02 -1.156E-01 1.014E 00 32.30 -3.791E-03 -1.835E-03 4.600E 02 9.846E 02 -1.156E-01 1.014E 00 32.30 -3.406E-03 -1.835E-03 4.600E 02 9.846E 02 -1.156E-01 1.014E 00 32.30 -3.406E-03 -1.835E-03 4.600E 02 9.846E 02 -1.156E-01 1.014E 00 32.30 -3.406E-03 -1.835E-03 4.600E 02 9.846E 02 -1.156E-01 1.014E 00 32.30 -3.406E-03 -1.835E-03 4.600E 02 9.846E 02 -1.156E-01 1.014E 00 32.30 -3.406E-03 -1.835E-03 4.600E 02 9.846E 02 -1.156E-01 1.014E 00 32.30 -3.406E-03 -1.835E-03 4.600E 02 9.846E 02 -1.156E-01 1.014E 00 32.30 -3.406E-03 -1.835E-03 4.600E 02 9.846E 02 -1.156E-01 1.014E 00 32.30 -3.406E-03 -1.835E-03 4.600E 02 9.846E 02 -1.156E-03 4.600E 02 9.846E 02 9.846E 02 -1.156E-03 4.600E 02 9.846E 02 9			X		2010505	50-3618-1-		2000	10-10-1	20-316-0-
1.014E 00 32.33 -3.000E-03 -1.000E-03 4.598E 02 9.855E 02 -1.164E-01 1.014E 00 32.31 -3.799E-03 -1.025E-03 4.598E 02 9.855E 02 -1.164E-01 1.014E 00 32.31 -3.799E-03 -1.025E-03 4.598E 02 9.846E 02 -1.164E-01 1.014E 00 32.31 -3.000E-03 -1.000E 02 9.847E 02 -1.189E-01 1.014E 00 32.31 -3.791E-03 -1.033E-03 4.600E 02 9.847E 02 -1.184E-01 1.014E 00 32.30 -3.791E-03 -1.033E-03 4.600E 02 9.846E 02 -1.184E-01 1.014E 00 32.30 -3.791E-03 -1.033E-03 4.600E 02 9.846E 02 -1.186E-01 1.014E 00 32.30 -3.791E-03 -1.033E-03 4.600E 02 9.846E 02 -1.156E-01 1.014E 00 32.30 -3.791E-03 -1.033E-03 4.600E 02 9.846E 02 -1.156E-01 1.014E 00 32.30 -3.791E-03 -1.033E-03 4.600E 02 9.846E 02 -1.156E-01 1.014E 00 32.30 -3.791E-03 -1.033E-03 4.600E 02 9.846E 02 -1.156E-01 1.014E 00 32.30 -3.791E-03 -1.033E-03 4.600E 02 9.846E 02 -1.156E-01 1.014E 00 32.30 -3.791E-03 -1.033E-03 4.600E 02 9.846E 02 -1.156E-01 1.014E 00 32.30 -3.791E-03 -1.033E-03 4.600E 02 9.846E 02 -1.156E-01 1.014E 00 32.30 -3.791E-03 -1.033E-03 4.600E 02 9.846E 02 -1.156E-01 1.014E 00 32.30 -3.791E-03 -1.033E-03 4.600E 02 9.846E 02 -1.156E-01 1.014E 00 32.30 -3.791E-03 -1.033E-03 4.600E 02 9.846E 02 -1.156E-01 1.014E 00 32.30 -3.791E-03 -1.033E-03 4.600E 02 9.846E 02 -1.156E-01 1.014E 00 32.30 -3.791E-03 4.600E 02 9.846E 03 9.846E 03 -1.156E-01 1.014E 00 32.30 -3.791E-03 4.600E 02 9.846E 03 9.846E 03 -1.156E-01 1.014E 00 32.30 -3.791E-03 4.600E 02 9.846E 03 9			3610		-3.720E-03	50-3440-1-			10-361-1-	-3.661E-02
1.014E 00 32.31 -3.799E-03 -1.925E-03 4.599E 02 7.035E 02 -1.158E-01 1.014E 00 32.31 -3.790E-03 -1.925E-03 4.599E 02 9.846E 02 -1.158E-01 1.014E 00 32.31 -3.791E-03 -1.849E-03 4.500E 02 9.846E 02 -1.184E-01 1.014E 00 32.31 -3.791E-03 -1.193E-03 4.500E 02 9.847E 02 -1.184E-01 1.014E 00 32.30 -3.791E-03 -1.193E-03 4.500E 02 9.846E 02 -1.184E-01 1.014E 00 32.30 -3.791E-03 -1.193E-03 4.500E 02 9.846E 02 -1.184E-01 1.014E 00 32.30 -3.791E-03 -1.193E-03 4.500E 02 9.846E 02 -1.184E-01 1.014E 00 32.30 -3.791E-03 -1.193E-03 4.500E 02 9.846E 02 -1.184E-01 1.014E 00 32.30 -3.791E-03 4.500E 02 9.846E 02 -1.184E-01 1.014E 00 32.30 -3.791E-03 4.500E 02 9.846E 02 -1.184E-01 1.014E 00 32.30 -3.791E-03 4.500E 02 9.846E 02 9.846E 02 9.846E 03 9			1		2 9306-03	50-3400-1-			10-3101-1-	-3.499E-02
1.014E 00 32.31 -3.901E-03 -1.869E-03 4.598E JZ 9.846E 02 -1.189E-01 1.014E 00 32.31 -3.901E-03 -1.869E-03 4.509E JZ 9.847E 02 -1.189E-01 1.014E 00 32.30 -3.791E-03 -1.938E-03 4.600E JZ 9.846E 02 -1.156E-01 1.014E 00 32.30 -3.791E-03 -1.938E-03 4.601E JZ 9.846E 02 -1.156E-01 1.014E 00 32.30 -3.791E-03 -1.938E-03 4.601E JZ 9.846E 02 -1.156E-01		244.5	*		- 3. 02 0E-03	1 0366-03			10-3401-1-	20-2046-0-
1.014E 00 32.31 -3.701E-03 -1.009E-03 4.600E 02 9.847E 02 -1.184E-01 1.014E 00 32.30 -3.791E-03 -1.938E-03 4.600E 02 9.847E 02 -1.186E-01 3 1.014E 00 32.30 -3.791E-03 -1.938E-03 4.600E 02 9.846E 02 -1.156E-01 1.014E 00 32.30 -3.496E-03 -1.893E-03 4.600E 02 9.846E 02 -1.156E-01		2000	1		3 9015 03	1.925-03		-	10-3001-1	20-3000-6-
3 1.014E 00 32.30 -3.791E-03 -1.933E-03 4.600E UZ 9.844E 02 -1.154E-01 1.014E 00 32.30 -3.791E-03 -1.933E-03 4.600E UZ 9.844E 02 -1.156E-01 1.014E 00 32.30 -3.791E-03 -1.847E-03 4.601E UZ 9.844E 02 -1.156E-01		344.5	*10		-3.7015-03	CO-36-0-1-		-	10-1846-01	-3.691E-UZ
1.0145 00 32.30 -3.406.01 -1.8475.03 4.000.02 0.9445.02 -1.1255.01		244.5	1		-3.666E-03			_	10-3481-1-	-0.150E-02
		244.5	3410		2 4006-03		3000		10-300-1-1	20-35-07

EXPERIMENTAL DATA

RCOR	RUN	DSCL.	TENSICN	LENG TH	GTH VELOCITY	ACCEL.	TENSION	LENGTH	VELOCITY	ACCEL.
SEC	SEC	DEG	787	F	FT/SEC	FT/SEC/SEC	GRAM	*5	CN/SEC	CN/SEC/SEC
9.400	0.0	344.4	1.014E 00	32.32	-3.7286-03	-1.6916-03	4.598E 02	9.850E 02	-1.136E-01	-5.765E-02
3.500	0.0	344.4	1.014E 00	32.32	-3.7736-03	-1.984E-03	4.598E UZ	9.850E 02	-1.150E-01	-6.046E-02
3.600	0.0	344.4	25	32.34	-3.586E-03	-1-8206-03	4.592E U2	9.856E 02	-1.093E-01	-5.547E-02
3.700	0.0	344.4	1.013€ 00	32.33	-3.4536-03	-1.7896-03			-1.052E-01	-5.454E-02
3- 800	0.0	344.4	35	32.33	-3.505E-03	-1.8156-03		9.854E 02	-1.068E-01	-5. 533E-02
3.900	0.0	344.4	*	32.33	-3.507E-03	-1.682E-03		9.855E 02	-1.069E-01	-5.126E-02
0000	0.0	344.4	36	32.33	-3.5746-03	-1. 739E-03	-		-1.089E-01	-5.301E-02
. 100	0.0	344.4	*	32.33	-3.632E-03	-1.582E-03		9.854E 02	-1.107E-01	-4.82E-02
1.200	0.0	344.4	1.013€ 00	32.34	-3.598E-03	-1.577E-03		.858E	-1.097E-01	-4.806E-02
1.300	0.0	344.3	¥	32.33	-3.599E-03	-1.642E-03	4.600E 02	_	-1.097E-01	-5.004E-02
4.400	0.0	344.4	¥	32.33	-3.585E-03	-1.7896-03	- 112	9.854E 02	-1.093E-01	-5.454E-02
1.500	0.0	344.3	36	32.33	-3.647E-03	-1.860E-03	4.5%E J2	9.853E 02	-1.112E-01	-5.66BE-02
009-	0.0	344.3	*	32.32	-3.664E-03	-1.8236-03		9.852E 02	-1.117E-01	-5.558E-02
. 100	0.0	344.3	1.014€ 00	32.32	-3.665E-03	-1.6916-03	4.598E 02	_	-1.117E-01	-5.763E-02
. 800	0.0	344.3	Ų.	32.31	-3.665E-03	-1.9766-03	4.600E JZ	9.849E 02	-1.117E-01	-6.021E-02
006.	0.0	344.4	¥	32.32	-3.516E-03	-1.962E-03	_	9.850E 02	-1.072E-01	-5.981E-02
2.000	0.0	344.4	*	32.32	-3.460E-03	-1.907E-03	4.596E UZ	9.852E 02	-1.0546-01	-5.812E-02
2.100	0.0	344.5	35	32.33	-3.486E-03	-1.805E-03	4.593E 02	9.854E 02	-1.0636-01	-5.502E-02
2.200	0.0	34.5	*	32.34	-3.514E-03	-1.781E-03	4.595E 02	_	-1.071E-01	-5.429E-02
2.300	0.0	344.5	*	32.34	-3.389E-03	-1.7176-03	4.593E 02	9.056E 02	-1.0336-01	-5.234E-02
2.400	0.0	344.5	36	32.34	-3.312E-03	-1-7226-03	4.593E U.	9.85TE 02	-1.009E-01	-5.247E-02
2.500	0.0	344.4	1.0126 00	32.35	-3.4236-03	-1-6416-03	4.591E 02	9.859€ 02	-1.0436-01	-5.002E-02
2000	0.0	344.5	36	32.35	-3.311E-03	-1.7306-03		9.8598 02	-1.0096-01	-5.272E-02
200		344.5	*	32.30	-3016-6-		70 3046 ·	4.65 FE 02	-1.011E-01	-5.339E-02
200		244.5	1.0125 00	32.30	-3-346-03	E0-3964	4.2095 02	7.003E 02	10-3610-1-	-3.024E-02
200		244.5	אַ ע	32.33	-3.4105-03	1 7315-03	70 3166.4	7.650E UZ	10-21-0-1-	-3-62-06
100		244.5	00 35 10 1	32.33	-3-3005-03	-1.061-03	70 3366 4	7.655E UZ	100001-	-3.243E-02
200		***	2 2	32.34	-3.487E-03	-1.6346-03	4. 592F 02	9. 8876 02	10-36-01-	A BYOK-02
300		344.3	, ,	32. 32	-3.49AF-03	-1.8556-03	4.599F 02	9.8526 02	06.6E	- 5. 455E-02
9-400	0.0	344.4	*	32.31	-3.290E-03	-1-832E-03	4.598E J2	9.8496 02	003E-	-5.583E-02
6.500	0.0	344.4	36	32.33	-3.328E-03	-1.7856-03	4.597E 02	9.653€ 02	-1.0146-01	-3.441E-0
9.600	0.0	344.4	36	32.33	-3.297E-03	-1.846E-03	4.595E 02	9.8556 02	-1.005E-01	-5.625E-02
9. 100	0.0	344.5	35	32.32	-3.225E-03	-1.6146-03	4.592E UZ	9.852E 02	-9.830E-02	-4.921E-02
9.800	0.0	344.6	1.012E 00	32.34	-3.216E-03	-1.722E-03	4.588E U.	9.658E 02	-9.803E-02	-5.249E-02
9.900	0.0	344.5	36	32.34	-3.265E-03	-1.642E-03	4.5946 02	9.858E 02	-9.952E-02	-5.006E-02
2.000	0.0	344.6	35	35.36	-3.106E-03	-1.5356-03	4.589E 02	9.863€ 02	-9.475E-02	-4.678E-02
7.100	0.0	344.5	1.012E 00	32.36	-3.240E-03	-1.6146-03		9.863€ 02	-9.875E-02	-4.921E-02
1.200	0.0	344.5	32	32.35	-3.228E-03	-		9.861E 02		-4.597E-02
1.300	0.0	344.5	26	32.35	-3.306E-03	-1.665E-03		9.861E 02		-5.074E-0
2.400	0.0	344.5	*	32.37	-3.293E-03	-1.5666-03	-	9.8658 02	-1.004E-01	-4.772E-
2.500	0.0	344.5	37	32.35	-3.147E-03	-1.662E-03	4.5896 42	9.860E 02		-5.069E-0
2.600	0.0	344.5	35	32.35	-3.378E-03	-1.6916-03	4.5886 02	9.861E 02	-1.030E-01	-5.155E-0
1.100	0.0	344.5	1.012E 00	32.36	-3.285E-03	-	4.5926 02	9.862E 02	301E-	-5.227E-02
7. 800	0.0	34.5	36	32.33	-3.250E-03	-1.608E-03	4.5906 32	9.855E 02	-9.907E-02	-4.900E-

EXPERIMENTAL DATA

		TENSION	LENG TH	GTH VELOCITY	ACCEL .	TENSION	LENGTH	TH VELOCITY	ACCEL.
SEC SEC	ANGLE	1.65	=	FT/SEC	FT/SEC/SEC	GRAM	3	CM/SEC	CM/SEC/SEC
100						1			
8.000		1.013€ 00	32.33	-3.374E-03	-1-734E-03	4.596E UZ	9.854E 02	-1.028E-01	-5.285E-02
			36.34	-3.1985-03	-	37.50		-3° 146E-02	-3.38VE-UZ
			32.34	-3.289E-03	:	-		-1.00ZE-01	-3.724-02
8.300 0.0	344.5		32.33	-3.226E-03		292E	9.855E 02	-9.832E-02	-5.285E-02
			32.36	-3.141E-03				-9.573E-02	-5.335E-02
			32.37	-3.182E-03	-1.614E-03	4.589E UZ		-9.698E-02	-4.921E-02
		1.012E 00	32.35	-3.064E-03	-1.605E-03	4.591E UL	9.86JE 02	-9.338E-02	-4.891E-02
		1.012E 00	32.36	-3.095E-03	-1.641E-03	4.589E U2		-9.434E-02	-5.002E-02
		1.013€ 00	32.36	-3.094E-03	-1.586E-03	346	9.863E 02	-9.431E-02	-4. 835E-02
			32.36	-3.109E-03	-1.696E-03	591E		-9.477E-02	-5.168E-02
			32.35	-3.042E-03	-1.318E-03	88E		-9.273E-02	-4.016E-02
			32.35	-3.148E-03	-1.532E-03			-9.595E-02	-4.669E-02
			32.35	-3.009E-03	-1.583E-03		_	-9-172E-02	-4.826E-02
			32.35	-3.150E-03	-1.664E-03		9.861E 02	-9.602E-02	-5.072E-02
			32.34	-3-108E-03	-1.725E-03	4.595E 02	9-858E 02	-9.472E-02	-5.258E-02
			32.34	-3.097E-03	-1.767E-03	36E	9.856E 02	-9.439E-02	-5.387E-02
0	344.5		32.34	-3.1196-03	-1.744E-03	592E	9.856E 02	-9.506F-02	-5.317F-02
•	344.6	1.0116 00	32.34	-3.134E-03	-1.889E-03	580F	9.858F 02	-9.554F-02	-5.75RF-02
9.800 0.0	344.6		32.34	-2.985E-03	-1.672E-03	4.584E JZ	9.857E 02	-9.098E-02	-5.096E-02
	344.6	0	32.36	-2.971E-03	-1.659E-03	4.594E 02	9.863E 02	-9.055E-02	-5.056E-02
	344.6		32.36	-2.877E-03	-1-430E-03	588E	9.864E 02	-8.769E-02	-4.358E-02
	344.6		32.36	-2.804E-03	-1.495E-03	4.584E J2	9.864E 02	-8.546E-02	-4.556E-02
0.0	344.6	1.011E 00	32.37	-2.875E-03	-1.617E-03	4.586E 02	9-866E 02	-8.762E-02	-4.927E-02
	344.6	10	32.37	-2.856E-03	-1.556E-03	581E	9.866E 02	-8.704E-02	-4.747E-02
	344.6		32.37	-2.852E-03	-1.501E-03		9.866E 02	-8.692E-02	-4.574E-02
	344.6		32.37	-2.854E-03	-1.433E-03	4.590E J2	9.866E 02	-8.699E-02	-4.367E-02
	344.6		32.37	-2.923E-03	-1.507E-03	586E	9.868E 02	-8.908E-02	-4.592E-02
	344.6		32.36	-2.868E-03	-1.590E-03	4.587E 02	9.864E 02	-8.740E-02	-4.846E-02
0.00 000	344.6	1	32.37	-2.996E-03	-1.566E-03	4.585E UZ	9.866E 02	-9.131E-02	-4.774E-02
	344.5		32.37	-3.048E-03	-1.580E-03	4.587E 02	9.866E 02	-9.290E-02	-4.817E-02
			32.36	-2.964E-03	-1.515E-03	290E	9.862E 02	-9.035E-02	-4.619E-02
			35.35	-3.068E-03	-1.635E-03	592E	9.859E 02	-9.352E-02	-4.984E-02
11.200 0.0	344.5		32.35	-2.992E-03	-1.668E-03	_	9.859E 02	-9.119E-02	-9.0836-02
	344.5		32.35	-3.075E-03	-1.628E-03	-	9.859E 02	-9.371E-02	-4.961E-02
	344.6	1.012E 00	32.37	-3.027E-03	-1.812E-03		9.865E 02	-9.227E-02	-5.522E-02
	344.5		32.36	-2.823E-03	-1.610E-03	•	9-863E 02	-8.606E-02	-4.907E-02
	344.7	1.011E 00	32.36	-2.808E-03	-1.489E-03	4.584E UZ	9.864E 02	-8.558E-02	-4. 538E-02
	344.6		32.38	-2.810E-03	-1.455E-03	4.587E 02	9.868E 02	-8.565E-02	-4.435E-02
11.800 0.0	344.6		32.38	-2.812E-03	-1.583E-03	4.589E 02	9.868E 02	-8.572E-02	-4.826E-02
	344.6		32.38	-2.878E-03	-1.274E-03	4.587E U2	9.869E 02	-8.771E-02	-3.883E-02
	344.6		32.37	-3.008E-03	-1.366E-03	4.587E UZ	9.868E 02	-9.170E-02	-4.162E-02
	344.6		32.38	-2.931E-03	-1.435E-03	4.589£ 02	9.869E 02	-8.932E-02	-4.374E-02
	344.6		32.39	-2.821E-03	-1.461E-03	585E	9.872E 02	-8.599E-02	-4.453E-02
12.300 0.0	346.6		32.37	-2.959E-03	-1.463F-03		9.866 02	-9.019F-02	-4.459F-07
	344.4		32.36	-3.034F-03	-1-420F-03	4. SARE US	9.8446 02	-0.247E-02	4 0346-03

EXPERIMENTAL DATA

RCOR	2			LENGIN		ALLEL .	1015031	LENGIN		
SEC	SEC	ANGLE	1.85	14	FT/SEC	FT/SEC/SEC	GRAM	5	CM/SEC	CM/SEC/SEC
12.600	0.0	344.5	12E	0 32.36	-3.045E-03	-1.5736-03	4.5896 32	9.863E 02	-9.280E-02	-4-195E-02
2. 700	0.0	344.5	12E	32.	-3	-1.617E-03	4.591E JZ		-9.583F-02	-4.930F-02
12.800	0.0	344.5	1.012E 0			-1.753E-03	4.589E UZ	9.859E 02	-9-196E-02	-5.342E-02
15.900	0.0	344.6	321	0 32.35		-1.710E-03	4.589E U2	9.860E 02	-9.230E-02	-5.211E-02
13.000	0.0	344.6	116			-1.482E-03	4.584E UZ	861E	-9.124E-02	-4.518E-02
3-100	0.0	344.6	311		-2.910E-03	-1.624E-03	4.585E J2	9.864E 02	-8.870E-02	-4.950E-02
13.200	0.0	344.6	311	0 32.37		-1.501E-03	4.588E 02	399B	-8.764E-02	-4.576E-02
3.300	0.0	344.7	12E			-1.475E-03	4.589E uz	970E	-8-474E-02	-4.495E-
13.400	0.0	344.7	1.010E 0			-1.528E-03	4.580E U2	967E	-8.723E-02	-4.657E-
13.500	0.0	344.7	301			-1.312E-03	4.583E 02	9.869E 02	-8.889E-02	-3.998E-02
13.600	0.0	344.7				-1.395E-03	4.586E UZ	9.870E 02	-8.743E-02	-4.252E-02
13- 700	0.0	344.6	1E			-1.3546-03	4.588E J2	9.869E 02	-8.745E-02	-4.128E-02
13.800	0.0	344.7	1E	0 32.38		-1.255E-03	4.587E 02	9.870E 02	-8.642E-02	-3.827E-02
13.900	0.0	344.7	1E		-2.853E-03	-1.355E-03	4.584E U2	9.864E 02	-8.695E-02	-4.131E-02
000-+1	0.0	344.7	30			-1.4546-03	4.583E 02	9.868E 02	-8.411E-02	-4.432E-02
4.100	0.0	344.6	16		-2.801E-03	-1.448E-03	4.587E UZ	9.867E 02	-8.539E-02	-4.414E-02
14-200	0.0	344.6	2E		-3.745E-03	-3.996E-02	4.588E 02	9.867E 02	-1.1426-01	-1.218E
14.300	0.0	345.1	SE .	0 32.41	-2.316E-02	-3.127E-01		9.877E 02		-9.530E
004-+1	0.100	345.3	OE.		-6.476E-02	-4.410E-01	43	9.884E 02	-1.974E 00	-1.344E
14.500	0.200	345.4	36		-1.073E-01	-3.925E-01	4.641E J2	9.886E 02	-3.270E 00	-1.196E
009-+1	0.300	345.4	3		-1.421E-01	-3.056E-01	4.652E 02	9.879E 02	-4.333E 00	-9.316E
14- 700	004.0	345.5	38		-1.690E-01	-2.471E-01	4.661E 02	9.877E 02	-5.153E 00	-7.531E
14.800	0.500	345.9	2E		-1.927E-01	-2.265E-01	4.681E 02	9.883E 02	-5.873E 00	-6.905E
14-900	009-0	346.0	2		-2-157E-01	-2.269£-01	4.702E 02	9.885E 02	-6.574E 00	-6.915E
15.000	0.100	346.0	*		-2.384E-01	-2.297E-01	4.709E UZ	9.876E 02	-7.268E 00	-7.002E
15.100	0.800	346.0	90	0 32.38	-2.617E-01	-2.3336-01	4.717E 02	9.869E 02	-7.978E 00	-7.110E
15.200	006-0	346.0	2E		-2.852E-01	-2.3596-01	4.727E UZ	_	-8.694E 00	-7.191E
15.300	1.000	346.1	SE	li cit	-3.091E-01	-2.3546-01	4.742E 02	9.854E 02	-9.420E 00	-7.174E
15.400	1.100	346.1	36		'	-2.345E-01	4.757E 04	9.851E 02	-1.010E 01	-7.147E
15.500	1.200	346.2	9		•	-2.366E-01	4.763E UZ	9.840E 02	-1.082E 01	-7.213E
15.600	1.300	346.2	*			-2.3236-01	4.780E 02	9.827E 02	-1.155E 01	-7.082E
15. 700	1.400	346.2	3		-4.032E-01	-2.385E-01	4.790E 02	9.820E 02	-1.229£ 01	-7.270E
15.800	1.500	346.2	7		•	-2.3036-01	4.794E 02	9.807E 02	-1.301E 01	-7.020E
15.900	1.600	346.4	*	0 32.14	'	-2.2846-01	4.803E 04		-1.371E 01	-6.962E
16.000	1.700	346.4	16		1	-2.3046-01		9.782E 02	-1.443E 01	-7.023E
16.100	1.800	346.5	16		'	-1.7006-01	4.811E 02	9.770E 02	-1.505E 01	-5.181E
16.200	1.900	346.4	1E		•	-6.8294-02	4.814E 02	9.753E 02	-1.537E 01	-2.081E
16.300	2.000	346.3	16		•	-9.0436-03	4.812E 02	9.739£ 02	-1.545E 01	-2.756E-
16.400	2.100	346.3	1E		•	1.0576-02		9.730E 02	-1.543E 01	3.223E-01
16.500	2.200	346.3	1		-5.048E-01	1.0316-02	-	9.721E 02	-1.539€ 01	3.142E-
009-91	2.300	346.3	8		-5.040E-01	4.7956-03		9.702E 02	-1.536E 01	1.462E-01
16.700	2.400	346.2	35		-5.036E-01	-1.1026-03	4.786E 02	9.690E 02	-1.535E 01	-3.359E-
16.800	2.500	346.1	2E	0 31.74	-5.035E-01	-2.1736-03	4.774E 02	9.674E 02	-1.535E 01	-6.623E-
006-9	2.600	346.0	1.049E 0	99.16 00	-5.036E-01	-2.075E-03	4.757E JL	9.66 LE 02	-1.535E 01	-6.323E-02
17.000	2.700	244	3		10-386-01	-1-7446-02	4 7425 03	0 4446 03	6366	
		1 .01	3	•	70000	:	101135 06	70 30100	-10 335E UL	- 30 1 OC -

EXPERIMENTAL DATA

	OSCL.	TENSION	LENGTH	VELOCITY	ACCEL.	TENSION	LENGTH	VELOCITY	ACCEL.
SEC SEC	DEG	185	=	FT/SEC	FT/SEC/SEC	GRAM	5	CM/SEC	CN/SEC/SEC
~			31.55	-5.035E-01	-2-176E-03	4.7216 32	.616E		-6.632E-02
7.300 3.000	346.0	1.0400 00	31.51	-5.038E-01	-2.380E-03	4.716E J2	9.604E 02	-1.535E 01	-7.255E-02
•			31.46	-5.038E-01	-2.209E-03		-590E	39E	-6.733E-0
		_	31.41	-5.037E-01			.573E	535E	-3.485E-0
6		1.025E 00	31.36	-5.038E-01	-1.860E-03	4.650E JZ	-559E	3966	-5.668E-0
•			31.32	-5.037E-01	-2.253E-03		.547E		-6.868E-0
		_	31.28	-5.038E-01	-2.223E-03		9.533E 02		-6.776E-0
3.		UT.	31.25	-5.038E-01	-1.292E-03		.525E	536E	-3.939€-0
3.		100	31.21	-5.038E-01	-	77		535E	-4.261E-0
			31.17	-5.037E-01	1.536E-0	4.597E 02	9.501E 02	-1.535E OI	-4.682E-0
3.		-	31-12	-5.0376-01	-	4.612£ 02	-486E	535E	-5.857E-0
		-	31.09	-5.0376-01	2	4.635E 02		535E	-7.471E-0
•			31.04	-5.037E-01	-		9.461E 02	535E	-5.787E-0
*			30.99	-5.0386-01	-	4.677E JZ		-1.536E 01	-3.518E-02
•		0.5	30.95	-5.0386-01		4.703E 02		536E	-4.471E-02
•		1.041E 00	30.90	-5.0396-01		4.720E 02		536E	-3.831E-02
*		45	30.86	-5.0396-01				536E	-4.353E-02
•			30.81	-5.037E-01	;	4.756E UZ		535E	-1.999E-02
•			30.76	-5.038E-01	-	4.758E 02		536E	
•			30.71	-5.036E-01	:	4.767E U2		535E	-3.262E-0
006.4 00	345.9	1.055E 00	30.66	-5.037E-01	:	4.788E 02	9.345E 02	-1.535E 01	-5.1936-02
*			30.62	-5.037E-01	-9.970E-04	4.797E 02		-1.535E 01	-3.039E-0
*			30.58	-5.037E-01		4.799E 02	9.321E 02	-1.535E 01	-5.981E-02
			30.54	-5.037E-01	-1.7596-03	4.801E 32	9.309E 02	-1.535E 01	-5.362E-02
		-	30.51	-5.038E-01	٠	4.796 UZ	9.300E 02		-5.051E-02
		1.055E 00	30.47	-5.036E-01	9.1136-04	4.786E 02	9.289E 02		2. 778E-02
•			30.43	-5.031E-01		4.783E 02	9.276E 02	-1.533E 01	1.927E-01
8	346.2		30.40	-5.029E-01	-1.56%-03	4. 766E 32	9.266E 02	133E	-4.783E-0
8			30.36	-5.029E-01	-4.848E-03	_		133E	-1.478E-01
00 2.800			30.31	-5.032E-01	-4.204E-03	•		34E	-1.282E-01
		190	30.27	-5.035E-01	-4.978E-03	4.734E 02	9.227E 02	135E	-1.517E-01
•		501	30.22	-5.037E-01		4.728E 02		535E	-9.841E-02
•		1.041E 00	30.17	-5.039E-01	ç		9.196E 02	39E	-6.010E-02
•		7	30.13	-5.039E-01	-6.204E-04	-	0	336E	-1.8916-02
•		- 14	30.08	-5.038E-01	1.716E-03	3		39E	5.231E-02
•		130	30.04	-5.037E-01	-3.617E-03	4.671E JZ	0	135E	-1.102E-01
•			29.98	-5.037E-01	-3.3346-03	4.656E JZ	9.137E 02	-1.535E 01	-1.0166-01
•			29.95	-5.038E-01	-6.661E-04	4.631E u2	9.128E 02	-1.536E 01	-2.0306-02
•	346.2	170	29.90	-5.036E-01	9.512E-04	4.620E 02	9.114E 02	-1.535E 01	2.899E-02
•		т.	29.87	-5.034E-01	1.281E-03	4.605E UZ	9.105E 02	-1.534E 01	3.903E-02
•			29.84	-5.033E-01	-2.824E-03	4.602E UZ	9.095E 02	-1.534E 01	-8.608E-02
-	346.2	-	29.80	-5.035E-01	-3.056E-03	4.608E 02	9.083E 02	335E	-9.315E-02
		1.019E 00	29.75	-5.037E-01	-2.641E-03	4.620E 02	9.0676 02	535E	-8.050E-02
7.			29.72	-5.036E-01		4.626E UZ	9.059€ 02	-1.535E 01	-3.849E-02
1								-	
		_	7	-2-036F-01		4.640E UZ	9-0446 02	-1.535E 01	-4-864E-02

EXPERIMENTAL DATA

RCDR	RUN	0.50	TENSION	LENGTH	VEL OCITY	ACCEL.	TENSION	LENGTH	VELOCITY	ACCEL.
SEC	SEC	DEG	1.85	FT	FT/SEC	FT/SEC/SEC	GRAM	5	CN/SEC	CH/SEC/SEC
21.800	7.500	346.1	27E	29.	-5.036E-01	-9.446E-04	4.661E UZ	9.015E 02	-1.535E 01	-2.879E-C
21.900	7.600	346.2	362	29.	-5.035E-01	1.4776-06	4.665E 04	9.003E 02	\$35E	4.502E-0
22.000	7.700	346.2	32E	29.	-5.034E-01	4.882E-04	4.679E 02	8.990E 02	534E	1.488E-
22.100	7.800	346.1	1.033€ 00	29.	-5.0316-01	9.6456-04	4.686E UZ		_	2.940E-02
22.200	7.900	346-1	36E	. 59.	-5.034E-01	-5.785E-03	4.697E U2	8.970E 02	-1.5346 01	-1.763E-01
22.300	8.000	346.0	386		-5.035E-01	-3.410E-03	4,714E 02	8.953E 02	535E	-1.0396-0
22.400	8.100	346.1	406	29.	-5.037E-01	-3.385E-03	4.718E 02	8.939E 02	-1.535E 01	-1.032E-01
22.500	8.200	346.0	1.2E		-5.039E-01	-7.348E-04	4.728E 32	8.922E 02	536E	-2.240E-02
22.600	8.300	346.2	43E	29.54	-5.036E-01	-6.957E-04		8.913E 02		-2.120E-
22.700	8.400	346.2	***		-5.038E-01	-1.756E-03	4.736E 02	8.901E 02	-1.536E 01	15 3E-
22.800	8.500	346.2	4.5E	29.	-5.037E-01		4.738E 02	8.892E 02		-2.469E-02
22.900	8.600	346.2	**E	53	-5.035E-01	-9.394E-04	4.737E JZ	8.885E 02		363E-
23.000	8.700	346.2	**	29.	-5.034E-01	-9.431E-04	4.737E 02	8.868E 02		-2.875E-02
23.100	8.800	346.2	**E	29.06	-5.034E-01	3.257E-04	4.734E 02	8.858E 02		9.927E-(
23.200	8.900	346.2	**	29.	-5.033E-01	-1.984E-03	9	8.840E 02		-9940-9-
53.300	0000	346.2	15E	28.	-5.036E-01	-2.278E-03	4.739E UZ	8.828E 02		-6.944E-
23.400	9.100	346.1	45E	28.	-5.037E-01	-2.545E-03	4.741E 02	8.813E 02		-7.757E-
23.500	9.200	346.3	15E	28.	-5.036E-01		4.738E 02	8.803E 02	_	-1.360E-
53.600	9.300	346.2	394		-5.036E-01	-8.227E-04	4.746E 02	8.787E 02	\$35E	-2.508E-
23.700	004.6	346.2	46	28.79	-5.035E-01	-1.495E-03	4.746E UZ	8.774E 02		-4.556E-
23.800	9.500	346.1	**	28.	-5.035E-01	-7.422E-04	4.736E 02	8.761E 02		-2.262E-(
23.900	009-6	346.1	¥ .	28.69	-5.035E-01	-1.0896-03	4.734E 02	8.746E 02	-1.5356 01	-3.320E-C
24.000	9.100	346-1	13E	28.	-5.035E-01	-8.508E-04	4.729E 02	8.734E 02	33E	-2.593E-C
24-100	9.800	346.2	4.2E		-5.034E-01	-5.509E-04	4.727E 02	8.717E 02	534E	-1.679E-
24-200	006.6	346.2	304		-5.034E-01	-1.607E-03	4.7186 02	8-707E 02	534E	-4.898E-(
24.300	10.000	346.2	90		-5.034E-01	-2.005E-03	4.715E 02	8.695E 02	-1.534E 01	-6.112E-0
24-400	10.100	346.2	116		-5.035E-01	-2.599E-03	4.720E 02	8.685E 02	-1.5356 01	-7.921E-C
24-500	10.200	2.005	77	. 87	10-3460-0-	-1.4936-03	4. 129E 02	8-6/16 02	3346	-4.549E-
24.600	10-300	346.2	•	26.41	-5-0356-01	-1.740E-03	4-7336 02	8.658E 02	-1.535E OL	-5.303E-
2000	000	340.5	7	.07	10-3260-6		4.731E 06	8-0195 02	10 36661-	-9074-0-
24.000	2000	246.2	X	20.35	10-300-01	-2.4936-04	4. 142E 02	8.034E 02	10 3666-1-	-1.017
25.000	100	346.2	907	200	- 4 03KE-01	: -	4 7635 03	000000	10 2326	-3 3466
25.100	008	346.2	100	28.	-5.034E-01	-7 8456-04	4 784E 03	8 504E 02	1. 5346 01	-3.343C-
25.200	10.900	346.2	10	28.	-5.034F-01	-1.4586-03	4.750E u.2	A. SROE 02		-8 0846-
25.300	11.000	346.2	200	28.	-5.034E-01	. 0	4.7456 42		4366	-7 363E-
25.400	11.100	346.2	316	28.	-5.036E-01	-2.490F-03	-	A. 550F 02	535E	-7. SARF-
25.500	11.200	346.2	52E	28.	-5.036E-01	-1.0356-03	4.772E 0.	8.535E 02	-1.535E 01	-3.156E-
25.600	11.300	346.1	53E	27.	-5.036E-01	-	4.776E W	8.518E 02	-1.535E 01	-5.425E-
25.700	11.400	346.1	346	27.	-5.036E-01	-	4.782E 02	8.507E 02	535E	-4. 792E-
25.800	11.500	346.2	55E		-5.036E-01	9.970E-05	4.787E 02	8-495E 02	-1.535E 01	3.039E-
25.900	11.600	346.2	54E	27.	-5.033E-01	-6.440E-04	4. 782E 02	•	-1.534E 01	-1.963E-(
26.000	11.700	346.3	53E	50.	-5.033E-01	-1.840E-03	4.776E 04	8.475E 02	-1.5346 01	-5.607E-
26-100	11.800	346.2	53E	27.	-5.0336-01	-1.5396-03	4.776E UL		-1.534E 01	-4.691E-
26.200	11.900	346.3	1.051E UO	27	m		4.766E UL	8.449E 02	-1.534E 01	-1.704E-

EXPERIMENTAL DATA

		TENCTON	I EMC TW	VEI OCITY	ACCEI .	TENSION	I ENGTH	VELOCI TY	ACCEL
SEC SEC	ANGL E DEG	1.85	:	FT/SEC	F1/SEC/SEC	GRAM	5	CH/SEC	CM/SEC/SEC
	•		.,		20.20.2				
	240.3		61.03	-2.035E-01	-2.549E-03	4.163E UZ	8-421E 02	-1. 3946 01	-1. 168E-02
3			21.32	-2.035-01	-1.683E-U3	4.1 TOE 02			-20130E-02
3			66.12	-3060-6-	-1.015E-03	*. 104E 04	30	-1.3356 01	-3.093E-02
8			16.72	-5.034E-01	-1.0476-03	4.758E 02	8-386E 02	-1.5346 01	-3.192E-02
900			27.46	-5.034E-01	-7.533E-05	4.757E 02	8.370E 02	-1.534E 01	-2.296E-03
006			27.41	-5.034E-01	-1.220E-03	4.755E 02	8.354E 02	-1.5346 01	-3.7196-02
000			27.36	-5.034E-01	-2.280E-03	4.755E JZ	8.340E 02	-1.534E 01	-6.949E-02
001			27.31	-5.034E-01	-3.730E-04	4.748E 02	8.323E 02		-1.137E-02
200			27.26	-5.034E-01	-1.411F-03	4.737F 02	A. 300F 02	-1.534F 01	-4. 200£-02
000			27.22	-5.032E-01	-1.6376-03	A. 729E	A 204E 02	10 34E 01	-8.401E-02
			37	10-346-01	20 2000	A 727E 02	20 3000		
200			27	10-3460-6	50-30-5-	20 216 7	20 3407-0	*	20-20-0-
200			*1.17	-2.034E-01	-2.10/E-03	4.135E UZ	20 31.77.8		70-3774-9-
009			27.11	-5.034E-01	-1.592E-03	4.737E 02	8.264E 02	-1.534E 01	-4.851E-02
200			27.07	-5.034E-01	-1.411E-03	4.739E 32	8.252E 02	-1.534€ 01	-4.299E-02
900			27.02	-5.034E-01	-8.419E-04	4-739E u2	8.236E 02	-1.534E @1	-2.566E-02
006			26.99	-5.032E-01	-1-072E-03	4.742E 04	8-227E 02	-1.5346 01	-3.268E-02
000			26.94	-5.034E-01	-1.992E-03	4.741E 02	8-212F 02		-6.0716-02
00			24.80	-5.033E-01	-1.2556-04	A. 747E 02	A 107E 02	-1. STAF OI	-1 8276-02
200			24.85	-4.032E-01	2 2426_0A	7446 02	1046 02		9.0026-03
900			24.	-6.0316-01	2406-04	7 7436 02	1706 03		1 4376-03
3	2446		10.07	10-316-01	20 3000	20 30 10	20 30110		70-3170-1-
33			21.02	10-326-01	2 2766 03	20 31414	20 367.0	33.55	20-3176-0-
3	346		37 76	- C 0346-01	- 1 00 3E - 03	4 7616 02	1345 03		20-32-0-
200			36.45	16.0346-01	- 1 4166-02	4 7416 02	202100		4 9946-03
			36.		1 2025-03	20 3000	20 31111		20-36-6-
200			20.00	10-3000-	60-3667-1-	20 3001.	20 2000		20-37-6-6-
200			16.07	10-355-01	-2.626-04	4. 10/c UZ	9.000E 02		-1.6036-02
200			70.07	-2.034E-01	-2.011E-03	4. Toze 02	8-069E 02	-1.534E 01	-6.130E-02
001			50.4	-5.032E-01	5.472E-04	4.759E 02	8.060E 02	-1.534E 01	1.668E-02
200	_		26.42	-5.032E-01	-7.4746-04	4.758E J2	8.052E 02	-1.534E 01	-2.278E-02
300	_		26.37	-5.031E-01	-1.510E-03	4.752E 02	8.036E 02	-1.533E 01	-4.601E-02
900	(7)		26.32	-5.031E-01	-3.192E-03		8.022E 02	-1.534E 01	-9.729E-02
200	•		56.29	-5.033E-01	-1.881E-03		- 125.	-1.534E 01	-5.733E-02
009	-		26.25	-5.032E-01	-1.147E-03	4.750E 02	8.002E 02	-1.534E 01	-3.496E-02
200		ш	26.21	-5.033E-01	-1.869£-03		7.989E 02	-1.534E 01	-5.758E-02
008			26.16	-5.034E-01	-1.290E-03	4.749E 02	7.975E 02	-1.534E 01	-3.933E-02
006			26.12	-5.033E-01	-3.530E-04	4.747E UZ	7.961E 02	-1.534E 01	-1.076E-02
000	~		26.07	-5.0338-01	-1.9196-03	4.749E U2	7.946E 02		-5.848E-02
100	-		26.02	-5.032E-01	-1.226E-04	4.750E UZ	7.930E 02		-3.737E-03
200	346.2		25.97	-5.032E-01	-1.284E-03	4.739E 02	7.916F 02	-1.534F 01	-1.0156-02
300 16.000		1.044E 00	25.92	-5.033E-01	-1-682E-03	3	7.901E 02		-4.126F-02
400			25.87	-5.034E-01	-2.826E-03				-R. 612F-02
	346.2	. 11	25.83	-5.034F-01	-1.292F-03				-1.010F-02
009			25.70	-5.034F-01	-7.791F-04	4.7316 02	7. 842E 02		-2 275E-02
200	,		26. 76	-5.032E-01	-1 779E-01	4.7366 0.	7. 8486 03		- 4.73E-03
000	346.3		25. 73	-5.0326-01	-1 3456-03	A 7236 00	7. 8286 02		14.05-03
-									

EXPERIMENTAL DATA

-											
TIME	TIME	ANGLE	LENSTON	LENGIA		46000114	weter.	-	TEMP IN		
SEC	SEC	DEG	rBS	=	_	FT/SEC	F1/SEC/SEC	GRAM	5	CN/SEC	CM/SEC/SE
31.000	16.700	346.3			.63	-5.031E-01	-1.3156-03	4.733E 04	7.0116 02	-1.533€ 01	-4.007E-0
11.100	16.800	346.4			3	-5.031E-01	-9.172E-04	4.725E J2	7.802E 02	-1.5336 01	-2.796E-0
81.200	16.900	346.4		0 25.	.55	-5.030E-01	-1.4176-03	4.7306 02	7.78% 02	-1.5336 01	-4.320E-0
11.300	17.000	346.4			2	-5.030E-01	-2.489E-03	4.735E 02	7.774E 02	-1.533E 01	-7.506E-0
11.400	17.100	346.4			14.	-5.033E-01	-4.461E-03	4.7296 02	7.765E 02	-1.5346 01	-1.360E-0
11-500	17.200	346.3	_		7	-5.035E-01	-2.0716-03	4.736 UZ	7.751E 02	-1.53% 01	-9. 7506-0
11.600	17.300	346.4			.37	-5.037E-01	-1.772E-04	4.731E 02	7.734E 02	-1.535E OI	-5.402E-0
11. 700	17.400	346.3			34	-5.0336-01	2.362E-03	4.745E uz	7.724E 02	-1.534E 01	7.1996-0
11.800	17.500	346.2	_	0 25.	62.	-5.031E-01	1.9396-03	4.747E 02	7.700E 02	-1.533E 01	5. 909E-0
11.900	17.600	346.3			.24	-5.029E-01	-2.400E-03	4.746E 32	7.693€ 02	-1.533£ 01	-7.3166-0
15.000	17.700	346.3	_		61.	-5.031E-01	-3.024E-03	4.7506 42	7.677E 02	-1.534E 01	-9.216E-0
95.100	17.800	346.3			*1.	-5.031E-01	-3.766E-05	4.752E J2	7.662E 02	-1.534€ 01	-1.148E-0
82.200	17.900	346.4			11.	-5.030E-01	-3.028E-04	4.755E UZ	7.653E 02	-1.533E 01	-9.229E-0
12.300	18.000	346.4	-	0 25.	.07	-5.030E-01	-3.731E-03	4.749E UZ	7.640E 02	-1.5336 01	-1.137E-0
12.400	18.100	346.4	_		.03	-5.032E-01	-2.4196-03	4.751E 02	7.630E 02	-1.534E 01	-7.374E-02
12.500	18.200	346.4			8	-5.032E-01	-1.0636-03	4.748E JZ	7.619E 02	-1.534E 01	-3.241E-02
12.600	18.300	346.3	-		.95	-5.031E-01	-1.3206-03	4.748E 02	7.604E 02	-1.533€ 01	-4.023E-0
12.700	18.400	346.3	-		16.	-5.031E-01	1.4366-03	4.749E J2	7.592E 02	-1.5336 01	4.376E-02
12.800	18.500	346.4		0 24.	18.		7.0166-05	4.753E uz	7.580E 02	-1.533E OL	2.138E-0
12.900	18.600	346.3	_		. 82	-5.029E-01	-2.049E-03	4.754E UZ	7.566E 02	-1. 533E 01	-6-244E-02
13.000	18.700	346.4		10 24.	.76	-5.029E-01	-2.007E-03	4.7476 02	7.552E 02	-1.533E 01	-6-118E-0
13.100	18.800	346.5			17.	-5.029E-01	-1.0496-03	4.741E 02	7.541E 02	-1.533€ 01	-3.199E-0
13.200	18.900	346.4			5	-5.029E-01	-6.1376-04	4.746E 02	7.525E 02	-1.533E 01	-1.871E-0
3.300	19.000	346.2	_	~	**	-5.030E-01	-1.0206-03	4.749E UZ	7.511E 02	-1.533E 01	-5.571E-0
3.400	19.100	346.2		10 24.	3	-5.031E-01	-1.8746-03	4.740E UZ	7.499E 02	-1.533€ 01	-5.713E-02
13.500	19.200	346.2	-	10 24.	. 54	-5.030E-01	-1.436E-03	4.738E 02	7.480E 02	-1.533E 01	-4.376E-0
13.600	19.300	346.2		0 24.	8	-5.031E-01	-2.582E-03	4. 734E UZ	7.467E 02	-1.533E 01	-7.870E-0
13.700	19.400	346.3		0 24.	.45	-5.031E-01	-1.037E-03	4.735E 02	7.452E 02	-1.534E 01	-3.160E-0
13.800	19.500	346.3			7.	-5.029E-01	1.0166-03	4.734E 02	7.441E 02	-1.533E 01	3.097E-0
13.900	19.600	346.4		. 24.	.36	-5.028E-01	-7.319E-04	4.730E 02	7.430E 02	-1.533E 01	-2.231E-0
14.000	19.700	346.5		7	.35	-5.028E-01	-2.684E-03	4.726E 02	7.421E 02	-1.533E 01	-8-180E-0
14-100	19.800	346.4		0 24-	.31	-5.029E-01	-2.309E-03	4.727E 32		-1.5336 01	-7.037E-0
14.200	19.900	346.5	w		.27	-5.029E-01	-6.484E-04	4.728E 02	7.399E 02	-1.533E 01	-1.976E-02
14.300	20.000	346.4			. 22	-5.028E-01	-1.6596-03	4.729E 02		-1.533E 01	-5.058E-0
14.400	20.100	346.4				-5.030E-01	-1.620E-03	4.725E UZ		-1.533E 01	-4.936E-02
14-500	20.200	346.4			*1.	-5.0316-01	-8.884E-04	4.719E 02		-1.533E 01	-2. 708E-0
14.600	20.300	346.4			8	-5.031E-01	-1.499E-03	4.722E UZ	7.342E 02	-1.533E 01	-4.570E-0
14-700	20.400	346.4			90.	-5.029E-01	6-277E-05	4.723E U2		-1.533E 01	1.913E-C
14.800	20.500	346.4			10.	-5.029E-01	-5.354E-04	4.731E UZ	7.318E 02	-1.533E 01	-1.632E-02
14.900	20.600	346.4			16.	-5.028E-01	2.149E-04	4.739E 02	7	-1.532E 01	6.550E-03
15.000	20.700	346.4			.92	-5.028E-01	-1.640E-03	4.745E UZ	7.292E 02	-1.533£ 01	-5.000E-0
15.100	20.800	346.2			.87	-5.029E-01	-2.400E-03	4.7526 02	7.275E 02	-1.533E 01	-7.316E-0
15.200	20.900	346.3			18	-5.029E-01	-2.066E-03	4.758E 02	7.257E 02	-1.533E 01	-6.298E-0
15.300	21.000	346.3		00 23.	2	-5.030E-01	-1.7376-03	4.759E 02		-1.5336 01	-5.294E-0
15.400	21.100	346.3			. 70	-5.030E-01	-1.998E-03	4.758E UZ	7.225E 02	-1.533E 01	-6.089E-0
25.500	21.200	344 4	u			- K 0216-01	-1 3336-03	4 7546 43	7 2216 02		2000

EXPERIMENTAL DATA

80	RUN	OSCL.	TENSIC	NOI	LENG TH	LENGTH VELOCITY	ACCEL .	TENSION	LENGTH	TH VELOCITY	ACCEL.
SEC	SEC	DEG	1.85		11	FT/SEC	FT/SEC/SEC	GRAM	5	CM/SEC	CM/SEC/SEC
	.300	346.4	1.047	00	23.67	-5.030E-01	-1.004E-03	4.7495 02	7.216E 02	-1.5336 01	-3.059E-02
200	21.400	346.4	1.04 BE	00	23.62	-5.031E-01	-4.3576-05	4.753E UZ	7.200E 02	133E	-1.328E-03
	1.500	346.4	1.048E	00	23.58	-5.029E-01	-2.548E-04	4.755E J2			-7.766E-0
	009-	346.4	1.049	8	23.56	-5.029E-01	-2.107E-03				-6.422E-0
	1.700	346.4	1.050E	8	23.51	-5.029E-01	-6.588E-04	4.764E 02			-2.008E-02
	1.800	346.4	1.04%	8	23.45	-5.031E-01	-1.270E-03	4.759E JZ		533E	-3.872E-(
	1.900	346.4	1-050E	00	23.45	-5.030E-01	-1.979£-03	4.761E u2		-1.533E 01	-6.030E-0
	2.000	346.4	1.050€	00	23.39	-5.031E-01	-2.282E-03	4.761E U2		-1.533E 01	-6.956E-02
004	2.100	346.4	1.049	8	23.33	-5.032E-01	-2.478E-03	4.756E 02		-1.534E 01	-7.552E-02
200	2.200	346.3	1.047E	00	23.28	-5.032E-01	-1.894E-03	4.751E 32		-1.534E 01	-5.774E-0
	2.300	346.3	1.046	8	23.24	-5.033E-01	-7.880E-04	4.745E 02	7.083E 02	-1.534€ 01	-2.402E-02
001	004-2	346.4	1.045E	00	23.19	-5.033E-01	-1.424E-03	4.742E 02		-1.534E 01	-4.340E-02
900	2.500	346.3	1.045E	00	23-16	-5.031E-01	1.071E-04	4.740E 02		-1.534E 01	3.264E-0
	2.600	346.3	1.046	00	23.10	-5.030E-01	-1.532E-03	4.744E 02		-1.533E 01	-4.669E-02
000	2-700	346.4	1-044E	00	23.05	-5.032E-01	-2-293E-03	4.737E 02		534E	-6.989E-02
100	2.800	346.5	1-041E	00	23.02	-5.031E-01	7.806E-04	4-721E 02		534E	2.379E-02
200	2.900	346.5	1.037F	00	22.99	-5-029E-01	8-419E-04	4.703E 02		533E	2.566E-02
300	000	346.5	1-034E	90	22.95	-5.028E-01	-2.453E-03	4.692F u2		533E	-7-478E-02
000	3-100	346. 5	1.030F	00	22.91	-5.030E-01	-3-673E-03	4.670E 02	983E	-1.533F 01	-1-120F-01
200	3.200	346.4	1.027E	00	22.87	-5.033E-01	-2.928E-03	4.656F UZ		-1.5346 01	-8.923E-02
909	3.300	346.5	1-024E	8	22.83	-5.032E-01	1.063E-04	4.646E UZ	957E	534E	3.241E-03
200	3-400	346.4	1.021E	00	22.77	-5.030E-01	6-647E-06	4.633E 02	6.940E 02	-1.533E 01	2.026E-
900	3.500	346.4	1.021E	00	22.74	-5.030E-01	5.140E-04	4.632E 02	6-930E 02		1.567E-02
006	3.600	346.5	1.0196	8	22.70	-5.029E-01	-8.397E-04	4.624E U2	6.918E 02	-1.533€ 01	-2.559E-02
000	3.700	346.5	1.021E	00	22.64	-5.030E-01	-1.3456-03	4.629E 02		-1.533E 01	-4.099E-02
100	3.800	346.4	1.022E	00	22.60	-5.029E-01	8.271E-05	4.634E UZ	6.889E 02	-1.5336 01	2.521E-C
200	3.900	346.4	1.022E	00	22.55	-5.029E-01	-2.190E-03	4.635E UZ	873E	-1.533€ 01	-6.677E-02
	0000.1	346.3	1.023E	8	22.50	-5.030E-01	1.3356-03	4.642E 02	6.859E 02	-1.533E 01	4.070E-02
000	1.100	346.3	1.024E	8	22.44	-5.027E-01	1.3156-04	4.644E U2	6.840E 02	-1.532E 01	4.007E-03
200	1.200	346.3	1.025E	8	22.39	-5.026E-01	-2.687E-03	4.651E UZ	6.825E 02	-1.532E 01	-8.189E-02
009	4.300	346.4	1.026E	8	22.37	-5.028E-01	-3.325E-03	4.653E 02		-1.532E 01	-1.013E-01
	4.400	346.5	1.025E	8	22.33	-5.028E-01	-1.8386-03	4.651E 02	ш	333E	-5.603E-02
800	4.500	346.5	1.026€	8	22.29	-5.028E-01	2.363E-05	4.655E 02			7.203E-04
006	009-1	346.4	1.028E	8	22.26	-5.027E-01	1.366E-04	4.662E U2		-1.532E 01	4.164E-03
000	700	346.5	1.031E	8	22.22	-5.025E-01	-5.871E-04	4.675E UZ	6.771E 02	-1.532E 01	-1. 790E-02
001	. 800	346.5	1.032E	8	22.17	-5.028E-01	-3.0996-03	4.679E 02		-1.532E 01	-9.445E-02
200	006-	346.4	1.035E	8	22.14	-5.028E-01	-1.6656-03				-5.074E-02
300	2.000	346.3	1.03 TE	00	22.08	-5.029E-01	-1.3396-03		-	-1.533€ 01	-4.081E-02
	2.100	346.4	1.039E	00	22.04	-5.030E-01	-3.176E-03			-1.5336 01	-9.679E-(
200	2.200	346.4	1.0396	8	22.00	-5.031E-01	-2.055E-03	4.714E UZ	1	-1.533E 01	-6.262E-02
009	5.300	346.5	1.0406	8	21.95	-5.031E-01	-4.800E-04	4.716E 32	6.689E 02	-1. 533E 01	-1.463E-02
200	2.400	346.4	1.042E	8	21.90	-5.030E-01	4-3136-04	4.726E UZ	6-677E 02	-1.5336 01	1.315E-0
800	5.500	346.4	1.042E	8	21.86	-5.030E-01	3.250E-04	4.728E 04	6.664E 02	-1.533€ 01	9.905E-0
006	2.600	346.4	1.043	00	21.82	-5.0296-01	-9.283E-04	4.730E 02		-1.533£ 01	-2.830E-02
000	200			00			- 2 4866 03				-
	007-5				11.	10-3670-C-	- C. B335 - U.S	20 1 38E UZ	D-033F UZ	10 35 56	-9760-9-

EXPERIMENTAL DATA

\$EC 40.200	TIME	DSCL.	TENSION	LENGTH	VELOCITY	ACCEL.	TENSION	LENGTH	VELOCITY	ACCEL.
40.200	SEC	066	188	E	FT/SEC	FT/SEC/SEC	GRAM	W 5	CM/SEC	CM/SEC/SEC
40.300	25.900	346.4	3		-5.030E-01	1.569E-03	4.744E JZ		-1.533E 01	4. 783E
207 07	26.000	346.5		0 21.64	-5.028E-01	-486E		6.596E 02	. 533E	-4.529E-02
0000	26.100	346.5	*		-5.029E-01	-3.504E-03	4.742E 02	588E		-1.068E-01
10.500	26.200	346.5	SE	21.	-5.031E-01	-3.500E-03	4.739E UL	575E		-1.067E-01
009-04	26.300	346.5	16		-5.032E-01	-2-106E-03	4.724E UZ			-6.41BE
002-01	26.400	346.5	8	0 21.49	-5.031E-01	9.032E-04	4.719E 02	551E	7	2.753E
008-01	26.500	346.5	8	21.	-5.029E-01	2.046E-03	4.717E 02	340E	-1.533E 01	6.235E
006-01	26.600	346.4	8E	21.	-5.027E-01	1.455E-04	4.709E UZ	523E	-1.532E 01	4.435E
1.000	26.700	346.5	*	21.	-5.028E-01	-1.703E-03	4.704E 02	6.510E 02	-1.533E 01	-5.191E
11.100	26.800	346.5	*	2		-2.009E-03	4. 702E JZ		-1.533E 01	-6.123E-0
11.200	26.900	346.5	7	21		-4.224E-04	4.703E J2	6.482E 02	-1.533E 01	-1.288E-0
11.300	27.000	346.5	*	2	-5.029E-01	-2.089E-03	4.702E 02	6.468E 02	-1.533£ 01	-6.366E-0
11.400	27.100	346.5	99		-5.031E-01	-3.675E-03	4.698E UZ	6.453E 02	-1.533E 01	-1.120E-0
11.500	27.200	346.4	14		-5.032E-01	-2.759E-03	4.702E 02		-1.534E 01	-8.410E-02
11.600	27.300	346.4	4	21.	-5.033E-01	-1.753E-03	4.690E UL	6.428E 02	-1.534E 01	-5.344E-02
11.700	27.400	346.4	2E		-5.033E-01	5-362E-04	4.681E UZ	6.410E 02	-1.534E 01	1.634E-02
11.800	27.500	346.4	2	21.	-5.031E-01	-5.908E-06	4.658E 02	6.400E 02	534E	-1.801E-0
11.900	27.600	346.5	#		-5.031E-01	4.461E-04	4.645E UZ	6.388E 02	-1.533E 01	1.360E-0
15.000	27.700	346.5	90		-5.031E-01	-2.134E-03	4.627E U2	6.374E 02	-1.533E 01	-6.505E-02
15.100	27.800	346.4	36		-5.031E-01	-1-736E-03	4-620E 02	6.364E 02	-1.533E 01	-5.290E-02
45.200	27.900	346.6	39	20.	-5.030E-01	3.582E-04	4.608E UZ	6.351E 02	-1.533E 01	1.092E-02
15.300	28.000	346.5	*	0 50.80	-5.029E-01	-6.322E-04	4.610E 02	6.341E 02	-1.53 E 01	-1.927E-02
15.400	28.100	346.6	2		-5.030E-01	-2.921E-03	4.605E UZ	6.325E 02	-1.533E 01	-8.903E
15.500	28.200	346.5	7		-5.032E-01	-2.429E-03	4.613E UZ	6.312E 02	-1.534E 01	-7.404E-02
15.600	28.300	346.5	2		-5.032E-01	-2.648E-03	4.613E 32	6.298E 02	-1.534E 01	-8.072E-02
15.700	28.400	346.5	96	20.	-5.034E-01	-9.113E-04	4.618E 02	6.288E 02	-1.534E 01	-2.778E-02
.2.800	28.500	346.5	9	20.	-5.032E-01	1-440E-03	4.627E 02	6.267E 02	-1.534E 01	4.389E-0
15.900	28.600	346.4	=		-5.030E-01	4.734E-04	4.633E 02	6.256E 02	-1.533E 01	1.4436-0
13.000	28.700	346.5	16		-5.031E-01	-9.461E-04	4.631E 02	6.242E 02		-2.884E-0
93.100	28.800	346.4	3	50.	-5.031E-01	-1.546E-03	4.639E 02	6.227E 02	-1.5336 01	-4. 714E-02
43.200	28.900	346.4	3		-5.030E-01	-7.297E-04	4.652E 02	6.208E 02		-2.224E-0
13.300	29.000	346.5	3	20.	-5.030E-01	-1.1716-03	4.659E 02	6.199E 02		-3.570E-02
43.400	29.100	346.5	2	6	-5.030E-01	-2.483E-03	4.659E 02	6.187E 02	-1.5336 01	-7.568E-02
43.500	29.200	346.6	*		-5.031E-01	-2.024E-03	4.667E 02	6.176E 02		
43.600	29.300	346.6	96		-5.031E-01	-2.456E-03	4.665E 02	6.165E 02	-1.534E 01	-7.487E-02
43. 700	29.400	346.6	36		-5.033E-01	-2.3336-03	4.663E UL	6.154E 02	-1.5346 01	-7.111E-02
43.800	29.500	346.6	30	20.	-5.031E-01	8-988E-04	4.672E 02	6.141E 02	-1.534E 01	2.739E-0
43.900	29.600	346.5	2E	20.	-5.031E-01	-1.603E-04	4.6796 02	6-126E 02	-1.533E 01	-4.885E-03
44.000	29.100	346.5	31	20.	-5.031E-01	-8-729E-04	4.678E 02	6-113E 02	-1.533E 01	-2.661E-02
44.100	29.800	346.5	36	20.	-5.031E-01	-1.9296-03	4.687E J2	6.100E 02	-1.534E 01	-5.880E-02
44.200	29.900	346.5	26		-5.031E-01	-1.0106-03	4.697E 02	6.082E 02	-1.5346 01	-3.079E-
14.300	30.000	346.6	1.036E O	26-61 00	-5.030E-01	-4.608E-04	4.700E 02	6.071E 02	-1.533E 01	-1.405E-02
14.400	30.100	346.5	36		030	-5.037E-04	4.708E 02	6.057E 02	533E	
44.500	30.200	346.5	*	-	9	-2.021E-03	4.712E 32	6.045E 02	-1.533€ 01	
009.44	30.300	346.5	30	-	032	-1.390E-03	4.718E 02	6-034E 02	534E	7
44. 700	30.400	346-5	IE	-	6	457F	4.721F 02		10 3765	-1.0546-0

EXPERIMENTAL DATA

RCUR R			TENSION	LENGTH	H VELOCITY	ACCEL .	TENSION	LENGTH	VELOCITY	ACCEL.
	SEC D	DEG	1.85	t	FT/SEC	FT/SEC/SEC	GRAN	5	CM/SEC	CM/SEC/SEC
.600 30.		346.4		-	3 -5.032E-01	1.182E-05	4.725E 02	5.999E 02	-1.534E 01	3.602E-04
	30.600 34	346.4	1.042E 0	19.63		-3.766E-05	726E	5.984£ 02	534E	-1.148E-03
		6-9		19.61 0		-1.7336-03	4.722E 32	976E	-1.534E 01	-5.283E-02
45.100 30.		9.9		_	•	-1.821E-03	4.718E U2			-5.551E-02
		9-9		0 19.53	•	-1.957E-04	4.718E 02	952E	7	-5.965E-0
		9.9	-	-	-5-	-8-235E-04	4.719E 02	5.943E 02	-1.533E 01	-2.510E-0
		1.9		-	•	-1.351E-03	-	931E	-1.533E 01	-4.117E-02
		9.9	-	-	•	-1.955E-03	4.730E 02	915E	-1.533E 01	-5.958E-02
		6.5		~	1	-1.8456-03	133E	903E	-1.534E 01	-5.623E-02
		4.9	-	0 19.32	10-386-01	-2.039E-03	4.740E 32	3688		-6.215E-0
		346.5		7	•	1.570E-03	4.729E uc	B77E	-1.533E OL	6.786E-0
		346.6	1	-	-5.	5.421E-04			533E	1.6526-0
		346.5		-	-5-	-1.910E-03			533E	-5.821E-0
		6.5		19.14	•	-4-232E-03			-1.533€ 01	-1.290E-01
		346.5		-	1	-1.258E-03			534E	-3.836E-02
		346.5		-	1	-9.305E-05			534E	-2.836E-03
		346.5		18.	-5.	-4.734E-04	745E	-	5335	-1.443E-02
		4.9		-	•	-7.895E-04	743E		534E	-2.406E-02
		6.5			'	-2.238E-03			533E	-6.821E-02
		6.5			-5-	-1.588E-03	4.743E 32		533E	-4.840E-0
		346.6		-	10-316-01	-4.749E-04	4.742E 02		533E	-1.447E-02
		346.6			•	-1.617E-04	4.740E 02		533E	-4.930E-03
		346.6		18	•	-2,210E-03	4.738E 02	***	533E	-6.737E-02
		346.6	1.0446 0	_	•	-2.569£-03	4.734E JZ			-7.829E-0
		9.9		0 18.68	•	2.474E-04	4.733E 02		-1.533E OL	7.541E-0
		346.6		-		4.077E-04		5.679E 02		1.2436-02
		9-9	1.0466 0	-	10-31E-01	-3.122E-03				-9.517E-02
		346.6		-	-5.	-2.752E-03			-1.5346 01	-8.390E-02
		346.5		_	-5.	-5.716E-04	_		150	-1.742E-0
		5.9		78.	-5.	-9.667E-04			-1.534E 01	-2.947E-0
		6.5		0 18.40	-5.	1.707E-03			-1.533€ 01	5.204E-0
		6.5	1.045E 0	_	6 -5.030E-01	7.681E-05	4.738E 02			2.341E-03
		4.9		-	•	-1.8996-03			_	-5. 790E-0
		6.9		-	1 -5.031E-01	-3.777E-03	4.736E UZ		-1.533€ 01	-1.151E-01
		9.9		_		-1.977E-03	-		-1.533E 01	-6.026E-02
		9.9		0 18.18	Ì	.2156		5.543E 02	-1.533E 01	-2.199E-0
		346.6	111	_	5-032E-01	-3.1546-03		5.533E 02	-1.534E 01	-9.614E-02
		9.9		18		-7.068E-04			-	-2.154E-02
00		19.1		18.	•	-3.412E-04		5.509E 02	-1.533€ 01	-1.0406-0
		9.90		18.	•	-6.986E-04	4.732E 02	5.492E 02	-1.534E 01	-2.1296-02
00		9-9			-5.029E-01	6-617E-04	4.727E 02	5.483E 02	-1.533E OL	2.0176-0
		9.9		17.	-5.	-1.4946-03	726E	469E	533E	-4.554E-02
		9-9		17	0 -5.029E-01	-8-264E-04			533E	-2.5196-0
		9-9		17	6 -5.029E-01	-6-551E-04	719E	-	533E	-1.9976-0
		346.5		17	-5.	-1.9116-03		427E	-	-5.8235-02
						-				

EXPERIMENTAL DATA

RCDR	RUN	OSCL.	TENSION	LENGTH	VELOCITY	ACCEL.	TENSION	LENGTH	TH VELOCITY	ACCEL.
25.5	SEC	DEG	1.85	F1	FTZSEC	FT/SEC/SEC	GRAM	*5	CHISEC	CM/SEC/SEC
										2000
49.400	35.100	346.5	1.045E 00	17.71	5.029E	-2.223E-03	4.740E JZ	5.397E 02	-1.533E 01	-6.7766-02
44.500	35.200	340.4	1		:	-1.870E-03	1000		. 533E	-5. 700E-
000-64	35.300	340.0	20		-5-0316-01		9. 123E VE		. 53 SE	-3.5665-
000	35.400	240.0	3		-3.030E-01	-1.88/E-03	4. 104E 02		33 SE	-3. 751E-
44.800	35.500	340.0	31E		-5.030E-01	0366	7		. 533E	3.2196-
49.900	35.600	346.6	2		-5.029E-01	•	4. 762E UZ		.533E	-1.4326-
20.000	35.700	346.1			-5.029E-01	-1.294E-03			. 533E	-3.944E-
20-100	35.800	346.6	10E		-5.029E-01	-3.249E-03			. 533E	-9.902E-
20.200	35.500	346-7			-5.031E-01	-1.786E-03	4.741E 02	5.300E 02	-1.533E 01	-5.445E-
20.300	36.000	346.6	¥		-5.031E-01	•			. 533E	-1.472E-
20.400	36-100	346.6	36		-5.030E-01	-1.622E-03	.741E	5.276E 02	-1.533E 01	-4.943E-02
20.500	36-200	346.6	PE P		-5.032E-01	-2.490E-03			-	-7.590E-
20.600	36.300	346.6	7		S	1.5736-04				4.795E-
20.100	36.400	346.6	Ä		-5.031E-01	-6.588E-04	4.745E J2		-1.533E 01	-2.008E-
50.800	36.500	346.6	*		-5.031E-01	-3.737E-04	.752E			-1.139E-
20.900	36.600	346.6	7		-5.031E-01	-8.656E-04			-1.534E 01	-2.638E-
21.000	36-700	346.6	99		-5.031E-01					-2.834E-
21.100	36.800	346.5	7		-5.031E-01	-1.527E-03	3			-4.653E-
21.200	36.900	346.5	2		-5.031E-01	-1.109E-03				-3.3796-
51.300	37.000	346.5	SE.	16.88	-5.031E-01	-1.4216-03	4.741E 02		-1.534E 01	-4.331E-
21.400	37.100	346.6	. SE	16.	-5.031E-01	-3.684E-03	4.741E 02		.533€	-1.1236-01
21.500	37.200	346.7	*	16.82	-5.033E-01	-2.990E-03	4.745E UZ		-1.534E 01	-9.114E-
21.600	37.300	346.6	3		-5.033E-01	-6.8316-04	9		334E	-2.082E-
\$1.700	37.400	346.7	.SE	16.	-5.033E-01	-8.936E-05	9			-2.724E-
21.800	37.500	346.6	9 P	16.	-5.031E-01		-		-1.5336 01	9.137E-
21.900	37.600	346.6	4	16.	-5.028E-01	8.331E-04	.737E		1.533E	2.539E-
25.000	37-700	346.6	36	16.	-5.028E-01		_		-1.533E 01	-5.321E-
25.100	37.800	346.6	7E		-5.029E-01	-2,5336-03	4.728E 02		333E	-7.721E-
52.200	37.900	346.6	9		-5.030E-01	-7.7996-04	4.718E J2	5.034E 02	. 533E	-2.377E-02
22.300	38.000	346.6	38	•	-5.030E-01	-1.397E-03	-		1.533E	-4.257E-
25.400	38.100	346.6	36	10	-5.030E-01	-2.457E-03	4.712E 02		533E	-7.489E-
25.500	38.200	346.6	*		-5.032E-01	-3.560E-03	-		. 534E	-1.085
25.600	38.300	346.6	8E	.91	-5.034E-01	_	4. 706E UZ	4.982E 02	-1.534E 01	-3.295E-
25.700	38.400	346.6	38	.61	-5.032E-01	-7.6956-04	4.710E 02		534E	-2.346E
27.800	38.500	346.6	*		-5.033E-01	6.9206-04	_	951E	. 534E	2.109E-
\$2.900	38.600	346.5	36	16.	-5.030E-01	1.1286-03	4.714E 02			3.437E
23.000	38.700	346.6	391	16.	-5.028E-01	-1.1996-03	~		. 533E	-3.653E-
53.100	38.800	346.6	18E	_	-5.030E-01	-3.1366-03	4.708E 02		33E	-9.558E-
53.200	38.900	346.7	7	16.	-5.031E-01	-2.157E-03	-		-1.534E 01	-6.575E
53.300	39.000	346.6	7	16.	-5.030E-01	2.267E-04	4.703E 02		-1.533E 01	6.911E-
23.400	39.100	346.7	*	16.	-5.031E-01	-2.977E-03	4.698E UL		-1.533E 01	-9.074E-02
53.500	39.200	346.7	366	15.	-5.033E-01	-3.5116-03	4.699E UZ	4.865E 02	-1.534E 01	-1.070E-
53.600	39.300	346.7	38	-	-5.034E-01	-1.9096-03	4.707E 02		-1.534E 01	-5.819E-
	39.400	346.7	18E	15.	-5.034E-01		4.708E UZ		-1.534E 01	-1.351E-0
53.800	39.500	346.6	1.039E 00	-	-5.031E-01	1.9786-03	4.711E 32	4.826E 02	-1.534E 01	6.028E-

EXPERIMENTAL DATA

	1230	TENCION	7000	241 70 172	ACCEL	TENCTON	. ENCTU	ALI JUITA	ACCEI
	ANGLE	LENSTON	LENGIA	ALLOCALA	WELET.	NO I CHAI	רכשפונים	recourse	-
sec sec	DEG	185	11	FT/SEC	FT/SEC/SEC	GRAN	5	CM/SEC	CM/SEC/SEC
54.000 39.700		w	15.74	-5.031E-01	-1.6764-03	4.719E 02	4.797E 02	-1.533E UI	-5.110E-02
	346.6	1.039E 00	15.70	-5-031E-01	-1-5976-03	4.712E 02		-1.533E 01	-4.869E-02
			15.66	-5.030E-01	-6.056E-05	4.718E UZ		-1.533E 01	-1.846E-03
54.300 40.000	346.5	1.041E 00	15.61	-5.030E-01	3.678E-04	4.721E 32	4.757E 02		1-1216-02
			15.55	-5.029E-01	-9.771E-04	4.719E 02		-1.533E 01	-2.978E-02
	346.6	w	15.51	-5.029E-01	-3.582E-03	4.722E 02		533E	-1.092E-01
			15.47	-5-040F-01	-2.867E-03			533E	-8.738E-02
			15.43	-5.031F-01	-2.360F-03	4.727F 02		533E	-7.194F-02
			15.40	-5.031F-01	-5.613F-05	4.727E 32	4-696F 02	5336	-1.7116-03
	366.7	. 4	15.36	-5.030E-01	-3.730F-04	4. 732F 02		533F	-1-137F-02
		, 4	16.33	10.000	-2 0025-04	4 7305 03		22.5	-0 6476-02
		1.0425 00	15.33	-2000-01 -6 0296-01	-3-5746-04	4 725F 02		133E	-1 OBOE-02
		, ,	16.24	10.30E-01	- 126E-04	4 7205 03	4 6666 02	8235	-1 6626-02
			12.61	-2.0295-01	-3-1636-04	20 3021.4		2000	70-370C-1-
			13.19	-2.029E-01	-1.516E-03		4.629E 02	1.533E	-4.021E-02
		1.040E 00	15.14	-5.029E-01	-5.797E-04	4.715E 02		333E	-1.767E-02
			11.51	-5.029E-01	-2.478E-03	4.716E 02		-1.533E 01	-7.552E-02
		w	15.06	-5.031E-01	-2.111E-03	4.713E 02		-1.533E 01	-6.433E-02
		w	10.51	-5.031E-01	-2.612E-03	4.709E 02	4.575E 02	-1.5336 01	-7.962E-02
		4	14.98	-5.032E-01	-1.617E-03	4.698E 04	4.565E 02	-L. 534E 01	-4.927E-02
		w	14.91	-5.0336-01	-2.792E-04	4.702E U2		-1.534E 01	-8.509E-03
		*	14.86	-5.0316-01	4.527E-04	4.694E 02	-	-1.533€ 01	1.380E-02
			14.82	-5.030E-01	-7.289E-04	4.685E UZ	4.516E 02	-1.533E 01	-2.222E-02
		1.030€ 00	14.78	-5.030E-01	-4.941E-04	4.673E 02	4.505E 02	-1.533E 01	-1.506E-02
			14.73	-5.0286-01	-1.839E-03	4.668E U2	-	-1.533E 01	- 5. 60 SE-02
		-	14.72	-5.029E-01	-2.255E-03	4.662E 02	4.488E 02	-1.533£ 01	-6.872E-02
		=	14.68	-5.030E-01	-1.366E-03	4.651E 02	4.474E 02	-1.533E 01	-4.162E-02
		-	14.65	-5.029E-01	3.803E-04	4.650E 02		-1.533E 01	1.159E-02
	346.7	*	14.60	-5.030E-01	-3.151E-03	4.653E 02		-1.533£ 01	-9.603E-02
		1.024€ 00	14.57	-5.030E-01	-1.615E-03	4.645E U2			-4.923E-02
			14.52	-5.031E-01	-6.277E-05	4.633E 02	4.426E 02	-1.533E 01	-1.9136-03
		ı	14.47	-5.030E-01	-4.874E-04	4.626E 02		-1.533£ 01	-1.486E-02
		, w	14.42	-5.029E-01	-1.106E-03	4.612E 02		-1.533€ 01	-3.370E-02
		4	14.37	-5.031E-01	-6.639E-04	4.608E 02		-1.533E 01	-2.024E-02
			14.33	-5.029E-01	-5.391E-05	4.596E 02	4.367E 02	533E	-1.643E-03
			14.29	-5.028E-01	-1.9206-05	4.594E 02	4.356E 02	-1.5336 01	-5.853E-04
			14.24	-5.031E-01	-2.899E-03	4.593E 04		-1.533E 01	-8.838E-02
			14.18	-5.030E-01	-2.490E-03	4.595E UZ	4.323E 02	-1.533E 01	-7.588E-02
		¥	14.13	-5.031E-01	-3.552E-03	4.599E 02		533E	-1.083E-01
.800 43.500	346.6	1.013E 00	14.09	-5.033E-01	-3.848E-04	4.596E 02	4.296E 02	534E	-1.173E-02
			14.05	-5.031E-01	-6.255E-04	4.595E 02	4.282E 02	-1.533E 01	-1.907E-02
			14.02	-5.031E-01	-9.653E-04	4.600E 02	4.273E 02	533E	-2.942E-02
			13.98	-5.031E-01	-1.058E-03	4.599E UZ	4.261E 02	-1.533E 01	-3.223E-02
		4	13.93	-5.030E-01	-5.879E-04	4.596E UL	4.246E 02	-1.533E 01	-1.792E-02
	346.6		13.89	-5.030E-01	-3.360E-04	4.604E UZ	4.233E 02	-1.533E 01	-1.024E-02
			13.85	-5.029E-01	-6-455E-04	4.600F 02	4.222E 02	-1.5336 01	
						1000	70	-	7000

EXPERIMENTAL DATA

RCOR	RUN	O SCL.	TENSION	LENGTH	VEL OCITY	ACCEL.	TENSION	LENGTH	VELOCI TY	ACCEL.
SEC	SEC	DEG	188	=	FT/SEC	FT/SEC/SEC	GRAM	# 5	CM/SEC	CN/SEC/SEC
8.600	44.300	346.7	1.017E 00	13.76	-5.030E-01	-1.8996-03	4.611E 32	4.193E 02	-1.533€ 01	-5.7906-0
58. 700	****	346.7	1	-	-5.030E-01	. 898E		4.179E 02	533E	· -5.785E-02
8.800	44.500	346.7	_	13.	-5.031E-01	-1.3616-03	4.630E UL	4.163E 02	534E	-4.149E-0
8.900	44.600	346.6	1.023E 00		-5.031E-01	-3.390E-04	4.639E 02	4.152E 02	-1.534E 01	-1.033E-0
000 %	44.700	346.6		13.	-5.031E-01	-7.666E-04	4.636E 02	4.136E 02	-1.533E 01	-2.337E-0
9.100	44.800	346.6			-5.031E-01	-1.7286-03	4.648E JZ	4.123E 02	-1.534E 01	-5.267E-0
9.200	44.900	346.6	_		-5.032E-01	-1.762E-03	4.65LE 02	4.104E 02	-1.534E 01	-5.371E-0
9.300	45.000	346.6		-	-5.030E-01	-2.179E-04	4.653E 02	4.089E 02	533E	-6.641E-0
59.400	45.100	346.7	1.026E 00	13.38	-5.030E-01	7.570E-04	4.653E 02	4.079E 02	533E	2-307E-0
005.6	45.200	346.7		-	-5.0296-01	-1.755E-03	4.649E UL	4.068E 02	-1.533E 01	-5.348E-0
9.600	45.300	346.7		13.31	-5.029E-01	-2.543E-03	4.654E U2	4.057E 02	-1.533€ 01	-7.753E-0
9.700	45.400	346.8	1.025E 00	13.27	-5.030E-01	-1.7326-03	4.650E 32	4.045E 02	-1.533E 01	-5.279E-0
9.800	45.500	346.8		-	-5.029E-01	1.580E-04	4.650E 02	4.033E 02	-1.533E 01	4.817E-0
006.6	45.600	346.8		13.	-5.029E-01	-2.422E-04	4.655E 02	4.017E 02	-1.533E 01	-7.383E-0
0.000	45.700	346.8	7	-	-5.029E-01	-1.656E-03	4.655E UZ	4.007E 02	-1.533E 01	-5.047E-0
0.100	45.800	346.7		-	-5.029E-01	-3.341E-03	4.653E 02	3.992E 02	533E	-1.018E-01
0.200	45.900	346.7		-	-5.032E-01	-2.7156-03	4.656E 02	3.980E 02	534E	-8-275E-0
0.300	46.000	346.7		13.02	-5.031E-01	-1.492E-04	4.658E UZ	3.968E 02	-1.534E 01	-4.547E-0
004-0	46.100	346.7	_	-	-5.030E-01	4.697E-04	4.663E 02	3.952E 02	333E	1.432E-0
0.500	46.200	346.7	_		-5.030E-01	-1.322E-03	4.664E UZ	3.936E 02	533E	-4.029E-0
909-09	46.300	346.6	1.031E 00		-5.031E-01	-2.663E-03	4.675E 04	3.924E 02	-1.533E 01	-8-117E-0
0.100	46.400	346.5	200		-5.032E-01	-1.546E-03	4.676E 02	3.907E 02	-1.534E 01	-4.711E-0
0.800	46.500	346.6	OTE-	-	-5.031E-01	6.706E-04	4.680E 02	3.894E 02	-1.533E 01	2.044E-0
0.00	46.600	346.6	_	12.	-5.030E-01	7.245E-04	4.690E 02	3.876E 02	-1.533E 01	2.208E-0
1.000	46.700	346.7		12.	-5.029E-01	-1.145E-03	4.695E 02	3.866E 02	-1.533E 01	-3.489E-0
1.100	46.800	346.7		12.	-5.030E-01	-3.029E-03	4.693E 02	3.852E 02	-1.533E 01	-9.231E-0
1.200	46.900	346.7		-	-5.031E-01	-3.772E-03	4.688E 02	3.841E 02	-1.533E 01	-1.150E-0
1.300	47.000	346.7		-	-5.031E-01	-1.2796-03	4.691E UZ	3.829E 02	-1.534E 01	-3.899E-02
1.400	47.100	346.8	1.034E 00	12.	-5.032E-01	1.2196-04	4.691E 02	3.820E 02	-1.534E 01	3-714E-0
1.500	47.200	346.7		12.	-5.032E-01	-1.635E-03	4.691E 02	3.803E 02	-1.534E 01	-4.984E-(
1.600	47.300	346.7	m.	_	-5.031E-01		4.697E 02	3.791E 02	-1.533E 01	-3.253E-02
1.700	47.400	346.7	w .	-	-5.031E-01	-9.7496-05	4.701E 02	3.777E 02	-1.534E 01	-2.971E-0
1.800	47.500	346.6	*	12.	-5.031E-01		4.707E 02	3.762E 02	-1.533E 01	-1.621E-0
1.900	47.600	346.7	*	12.	-5.031E-01	-9.822E-04	4.707E 02	3.751E 02	-1.533E 01	-2.994E-0
2.000	47.700	346.7	"	12.	-5.030E-01	-4.010E-04	4.716E 02	3.737E 02	-1.533E 01	-1.222E-02
2.100	47.800	346.6	32	12.	-5.029E-01	-5.421E-04	4.725E U2	3.725E 02	-1.533E 01	-1.652E-0
2.200	47.900	346.8	1.040E 00	12.	-5.030E-01	-1.566E-03	4.716E 02	3.711E 02	-1.533E 01	-4.772E-0
2.300	48.000	346.6	<u> </u>	12.	-5.029E-01	-1.614E-03	4.723E 02	3.697E 02	-1.533E 01	-4.918E-
2.400	48.100	346.7	-	12.	-5.032E-01	-3.602E-03	4.723E 02	3.682E 02	-1.534E 01	-1.098E-0
2.500	48.200	346.7	2	12.	-5.0336-01	-3.793E-03	4.724E 04	3.669E 02	-1.534E 01	-1.156E-0
2.600	48.300	346.7	32	11.99	-5.0336-01	-1.334E-03	4.728E 02	3.655E 02	-1.534E 01	-4.065E-0
2.700	48.400	346.8	32	11.95	-5.033E-01	-9.941E-04	4.725E UZ	3.642E 02	-1.534E 01	-3.030E-0
2.800	48.500	346.8	32	16.11	-5.0336-01	8.427E-04	4.728E 02	3.629E 02	-1.534E 01	2.568E-(
2.900	48.600	346.8	1.042E 00	11.88	-5.029E-01	1.7658-03	4.727E 02	3.620E 02	-1.533E 01	5.380E-C
63.000	48.700	346.8	36	1	029	8	4.729E U.	3.607E 02	-1.533E 01	-2.301E-0
					1			-		

EXPERIMENTAL DATA

RCOR RUN	OSCL.	TENSICN	LENGTH	GTH VELOCITY	ACCEL.	TENSION	LENGTH	VELOCI TY	ACCEL.
SEC SEC	DEG	188	E	FT/SEC	FT/SEC/SEC	GRAM	5	CM/SEC	CH/SEC/SEC
	346.8	*	11.75	-5.029E-01	-1.5736-03	4.730F J2		-1.533£ 01	-4-795E-02
63.300 49.000	4.5	2E	11.71	-5.030E-01	-4-453E-04	. 726E	3.568E 02	. 533E	-1.357E-02
		8	11.67	-5.030E-01	-2.877E-03	4.717E 04		-1.533E 01	-8.770E-02
	346.7	1.040E 00	11.62	-5.031E-01	-2.383E-03	4.715E 02	3.542E 02	-1.533E OI	-7.264E-02
		31	11.58	-5.032E-01	-2.071E-03	4.723E 02		-1.534E 01	-6.312E-02
		31	11.52	-5.032E-01	-1.4136-03	4.723E 32		-1.534E 01	-4.306E-02
		2E	11.46	-5.032E-01	-7.828E-05	4.724E 02	3.499E 02	-1.534E 01	-2.386E-0
63.900 49.600		35	11.42	-5.031E-01	1.535E-03	4.726E U2		-1.533€ 01	4.678E-02
		16	11.38	-5.029E-01	-2.142E-04	19		-1.533E 01	-6.528E-0
		16	11.33	-5.029E-01	-1.883E-03	4.722E 32		-1.533E 01	-5.740E-02
		×	11.29	-5.030E-01	-2.269E-03	100	3.441E 02	-1.533€ 01	-6.917E-02
		*	11.26	-5.030E-01	-1.524E-03	4.701E UZ	3.431E 02	-1.533€ 01	-4.646E-02
		36	11.22	-5.030E-01	-2.784E-03	4.693E 02	3.420E 02	-1.5336 01	-8.484E-02
		2	11.18	-5.030E-01	-2.801E-03	4.693E 32	3.408E 02	-1.533E 01	-8.538E-02
		32	11.15	-5.031E-01	-2.151E-03	4.682E 02		-1.5336 01	-6.557E-02
		32	11-10	-5.034E-01	-1.484E-03	4.681E 02	3.383E 02	-1.5346 01	-4.525E-02
		8	11.06	-5.032E-01	-3.405E-04	4.671E 02		-1.534E 01	-1.038E-02
		*	11.02	-5.032E-01	1.131E-03	4.666E UZ	3.360E 02	-1.534E 01	3.4496-0
	346.7	*	10.97	-5.031E-01	7.880E-04	4.664E U2		-1.533E 01	2. 402E-02
65.100 50.800		3	10.93	-5.029E-01	-1-8936-03	4.652E 02	3.333E 02	-1.5336 01	-5.769E-02
		w !	10.88	-5.031E-01	-2.688E-03	100		534E	-8.194E-0
		w :	10.83	-5.033E-01	-2.2336-03	4.6 18E 02		•	-6.805E-02
		K :	2.01	-2.03ZE-01	+0-301/ ·	4.60% 02	3.280E 02		-4.350E-02
002-10 002-20	346.7	2 4		10-346-01	-3-0136-03	4.6000 02	30 36 96 02	10 3966	-9.191E-02
		2 2	***	-5.036E-01	-3-0125-09	4. 506E 02			3 9276-0
		2 4	10.50	-5.034F-01	1.2296-03		187	-1.534F 01	3.746F-0
		. 4	10.	-5.0316-01	4 204E-04	0		1. 533E 01	1. #01E-02
		, ,	20.01	-5.031E-01	-1.4716-03			1 5336 01	-4 484E-02
100 51.800		1.01%	10.40	-5.031F-01	-1.7916-03		1.100E 02	-1.5346 01	-5.459F-0
	346.8	, 4	10.48	-5.031E-01	-1.004E-03	75			-1. 2366-02
			10-41	-5.0316-01	7.9765-05		18		2.431F-03
		-	10.36	-5.028E-01	2.356E-04			-	7.181E-03
	346.7	4	10.31	-5.029E-01	-2.685E-03		-	-1.533E 01	-8.185E-02
		4	10.28	-5.031E-01	-1.442E-03		-	-1.533E 01	-4.394E-02
		31	10.23	-5.030E-01	5.3696-04	586E		-1.5336 01	1.636E-02
		32	10.19	-5.030E-01	-1.316E-03			-1.533€ 01	-4.011E-02
	346.7	36	10.13	-5.031E-01	-1.2946-03	594E	-	-1.533€ 01	-3.944E-0
67.000 52.700		36	10.08	-5.030E-01	-6.521E-04			-1.533E 01	-1.988E-02
		¥	10.03	-5.030E-01	-1.1906-03	1000	7	-1.533E 01	-3.626E-02
	_	26	8.6	-5.030E-01	-2.477E-03		3.0446 02	-1.5336 01	-7.550E-02
		36	46.6	-5.031E-01	-3.190E-04			-1.5338 01	-9.724E-0
		7	16.6	-5.030E-01	-1.820E-03	4.612E 02	7	-1.533E 01	-5.547E-0
	346.8	*	9. 88	-5.031E-01	-3.152E-03	4.611E J2	9110	-1.5336 01	-9.607E-0
		1.0166 00	-	10-3050-5-	-1 - ADAE-DR	4 4105 02	2 0000	-1 6236 01	AL BOOK AL
			-	***	:	10000	3	:	-4000E-06

EXPERIMENTAL DATA

-	1186	ANC. 6	IENSICA	LENGTH	VEL OC I TY	ACCEL.	TENSION	LENGTH	VELOCITY	ACCEL.
SEC	SEC	DEG	1.05	11	FT/SEC	FT/SEC/SEC	GRAM	3	CM/SEC	CM/SEC/SEC
67.800		346.9	*	6	-5.032E-01	-2.292E-03	4.622E 02		534E	-6.987t-02
67.900	53.600	346.9	30	61.6 00	-5.033E-01	-2.105E-04		2.966E 02	534E	-6.415E-03
68.000		346.8	2E		-5.031E-01	1-106E-03	4.636E U2		533E	3.3706-02
68-100		346.8	36		-5.030E-01	-8-774E-04	.638E		-1.533E 01	-2.674E-02
68.200		346.8	*		-5.031E-01	-1.671E-03			534E	-5.092E-02
68.300		346.9	*		-5.031E-01	-5.162E-04	4.644E 02		533E	-1.573E-02
68.400		346.9		9.52	-5.029E-01	-4.808E-04			533E	-1.465E-02
68.500		346.8	2		-5.031E-01		4.657E U2		533E	-7.717E-0
68.600		346.8	*		-5.032E-01	-1-803E-03	4.655E U2		534E	-5.495E-02
68- 700		346.7	96		-5.033E-01	-9.660E-04	4.664E 02		534E	-2.944E-02
68.800		346.7	*		-5.032E-01	-5.280E-04	4.665E 02		534E	-1.609E-02
68.900		346.7	*		-5.031E-01	-1-474E-03	4.667E uz		334E	-4.49 3E-0
69.000		346.7	*		-5.033E-01		4.665E 02		534E	-6.926E-02
69.100		346.7	3		-5.031E-01	-2.784E-04	4.672E 02		534E	-8.486E-03
69.200		346.8	30		-5.031E-01	-9.224E-04		2.795E 02	. 533E	-2.812E-02
69.300		346.9	2		-5.031E-01	-6.994E-04	1	0	534E	-2.132E-02
69.400		346.8	7		-5.030E-01	-8.271E-04	-		533E	-2.521E-(
69.500		346.9	7	9.04	-5.030E-01	-1.344E-03	9099		533E	-4.097E-
69.600		346.8	*	•	-5.032E-01	-3.218E-03	4.662E U2		534E	-9.808E-
69.700		346.9	*	9.95	-5.033E-01	-2.825E-03	4.668E UZ	2.728E 02	.534E	-8-610E-
69.800		346.8	8		-5.034E-01	-1.102E-03	_		534E	-3.359E-02
69.900		346.8	16	98 . 8	-5.033E-01	-3.065E-04	4.677E 02	2.701E 02	-1.534E 01	-9.342E-03
10.000		346.8	2E	•	-5.033E-01	-8.336E-04	-	0	-1.534E 01	-2.541E-02
10.100		346.8	SE		-5.033E-01	-4.763E-04		0	534E	-1.452E-02
10.200		346.7	3		-5.032E-01	-3-102E-05	97E (0	534E	-9.454E-04
70.300		346.7	36		-5.032E-01	-1.797E-03	596E	0	534E	-5.477E-
10.400		346.7	*		-5.0336-01	-2.487E-03	366	0	. 534E	-7.579E-02
70.500		346.8	25	8.59	-5.032E-01	-5.568E-04		0		-1.697E-02
10.600		346.8	*	9.54	-5.033E-01	-1.546E-03	4.689E UZ	0		-4.711E-
10.100		346.9	¥	_	-5.032E-01	-1.967E-03		0	. 534E	-5.994E-
10.800		346.9	-3		-5.033E-01	-2.1486-03	188E	2.583E 02	. 534E	-6.548E-02
10.900		346.9	*	•	-5.0336-01	0.0	4.684E 02	0	. 534E	0.0
11.000		346.9	16	8.3	-5.031E-01	1.7906-03	38E	0	-1.533E 01	5.456E-02
71-100		346.9	16		-5.030E-01	-1.208E-03	4.678E UZ	2.545E 02	. 533E	-3.683E-(
11.200		346.8	35	-	-5.032E-01	-2.450E-03	983E	0	534E	-7.469E-
71-300		346.9	2E		-5.031E-01	-1.815E-03	\$ 80E	0	333E	-5.533E-(
71.400		346.8	16	•	-5.032E-01	-8-168E-04	4.677E 02	0	-1.534E 01	-2.490E-(
71.500	87.200	346.8		8.18	-5.032E-01	-2.301E-03	4.672E 02	2.492E 02	534E	-7.012E-02
71.600		346.9	*	•	-5.032E-01	-1.837E-03	_	0		-3109°5-
11.100		346.8	3	•	-5.033E-01	5.760E-05	7	0		1.756E-(
71.800		346.8	=	90.0	-5.034E-01	-9.852E-04	675E		. 534E	-3.003E-
71.900		346.7	36	7.	-5.032E-01	9.3136-04	4.685E UZ		. 534E	2.839E-C
72.000		346.8	2E	7.93	-5.030E-01	-1.292E-04	4.682E 02	2.418E 02	-1.533E 01	-3.939E-03
72.100		346.8	5E	7.	160	-2.697E-03	4.697E 02		533E	-8.221E-
72.200		346.8	96	7.85	-5.032E-01	-3.281E-03	4.701E 02	2.392E 02	534E	-9.999E-

EXPERIMENTAL DATA

200	RUN	OSCIL	TENSION	L'ENG TH	VEL OCITY	ACCEL	TENSTAM	FNGTH	VEL DC LTV	ACCEL
TIME	TIME	ANGLE			THE REAL PROPERTY OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED					
SEC	SEC	DEG	1.85		FT/SEC	FT/SEC/SEC	GKAM	£5	CM/SEC	CH/SEC/SEC
.400	58.100	346.9	-	7.78	-5.033E-01	-4.704E-04	4.693E UZ		-1.534E 01	-1-434E-02
. 500	58.200	346.9	_		-5.032E-01	5-118E-04	4.696E u2		-1.534E 01	1.560E-02
009*	58.300	346.9	_	1	-5.031E-01	-1.2706-04	. 7	2.342E 02	. 533E	
. 700	28.400	346.9			-5.032E-01	-2.385E-03	4.700E UZ		-1.534E 01	-7.269E-02
. 800	58.500	346.9	_		-5.032E-01	-3.656E-03			-1.534E 01	-1.114E-0
.900	28.600	346.9	_		-5.034E-01	-2.476E-03	_		-1.534E 01	-7.545E-C
000	58.700	346.8	_		-5.034E-01	-1.802E-04	1	2.290E 02	-1.534E 01	-5.492E-0
.100	58.800	346.8	-		-5.0336-01	2.459E-04	-	276E	534E	7.496E-03
.200	58.900	346.8			-5.033E-01	4.889E-04	4.728E 02		534E	1.490E-
.300	59.000	346.9	_		-5.032E-01	9-867E-04		2.249E 02	534E	3-007E-0
**	59.100	346.7			-5.030E-01	-5.465E-05	4.721E 02		533E	-1.666F-
200	59.200	346.7	w		-5.030E-01	-1-157E-03			533E	-3.527E-02
009	59.300	346.8	w		-5-029E-01	-7.998E-04		2.206E 02	533E	-2.438F-02
. 700	59.400	346.7	w		-5.031E-01	-3.813E-03	4.727E 32		533E	-1.162E-01
. 800	59.500	346.8	-		-5.032E-01		_		534E	-1.367E-01
006-	59.600	346.9	ш		-5.034E-01	-1.387E-03	4.723E 02		535E	-4.227E-02
000	59.700	347.0	ш		-5.0336-01	1.252E-03			534E	3.815F-0
901.	59.800	346.9	-		5.031E-01	-3.508E-04	4.723E UZ		533E	-1.069E-0
.200	59.900	347.0	ш	7.00	-5.031E-01	-8.6335-04	4.722E 02	-	533E	-2.631E-02
.300	000.09	346.9			-5.031E-01	-8.818E-04			533E	-2.688E-C
004.	60-100	346.8	w		-5.030E-01	-2.298E-03	4.721E 02	2.104E 02	-1.533E 01	-7.005E-0
.500	60.200	346.8	_	9.99	-5.032E-01	-1.699E-05	4.717E 02		-1.534E 01	-5.177E-0
009	60.300	346.8	-	•	-5.031E-01	-9.675E-04	0		-1.534E 01	-2.949E-02
200	90.400	347.0			-5.033E-01	-2.585E-03	3		7	-7.879E-0
900	90- 500	346.9	_		-5.0336-01	-1.9196-03	4.723E 02	_	_	-5.848E-0
006	009.09	346.9		9.68	-5.0336-01	-4.069E-04	4.726E U2	·	-1.534E 01	-1.240E-0
000	90-100	346.8	_		-5.033E-01	-9.741E-04			-	-2.969E-0
.100	90.800	346.8	_		-5.034E-01	-1.895E-03				-5.776E-02
200	006-09	346.8	_		-5.034E-01	-2.028E-03		988E		-6.181E-02
.300	91-000	346.7	_		-5.034E-01	2.142E-05	4.731E 32		-	6. 528E-04
000	91-100	346.8		6.43	-5.032E-01	4.483E-04				1.366E-02
200	61.200	347.0	_	_	-5.030E-01	-1.8246-03			-1.5336 01	-5.560E-0
909	61.300	346.9	_		-5.031E-01	-2.356E-03				-7.181E-02
. 100	61.400	346.9	_	•	-5.032E-01	-1.592E-03	4.716E 02			-4.853E-02
000	61.500	347.0	-		-5.032E-01	-2.607E-04				
.900	91.600	346.9	_		-5.032E-01	-1.306E-03				-3.982E-02
000	61.700	346.9			-5.033E-01	-1.950E-03				-5.943E-02
001.	900	347.0			-5.0336-01	-9.446E-04				-2.879E-02
.200	900-19	346.9	-		-5.033E-01	-1.637E-03	E.,			-4.991E-0
.300	62.000	346.9			-5.034E-01	-6.425E-04				-1.950E-02
.400	62.100	346.9	_	10.9	-5.0336-01	-1.032E-03		63	-1.534E 01	-3.145E-02
. 500	62.200	346.8			-5.033E-01	-8.921E-04			-1.534E 01	-2.719E-02
009-	62.300	346.9	-		-5.033E-01	-2.333E-03			-1.534E 01	-7.111E-0
76.700	62.400	346.8	1.040E 00	5.87	-5.034E-01	-1.720E-03		1.788E 02	-1.534E 01	-5.243E-02
- 800	42.800	346.			-5-034E-01	-1 3336-03			276	4 0435
							77			

EXPERIMENTAL DATA

RCDR	RUN	OSCL.	TENSION	LENGTH	VEL OCITY	ACCEL.	TENSION	LENGTH	VELOCI TY	ACCEL.
SEC	SEC	DEG	1.85	=	FT/SEC	FT/SEC/SEC	GRAM	¥.0	CM/SEC	CM/SEC/SEC
7.000	62.700	346.9		5.72	-5.034E-01	1.4336-04	4.726E 04		-1.5346 01	4.367E-0
7.100	62.800	340.8	1.043E 00	5.69	-5.033E-01	-4-114E-04		1.735E 02	-1.534E 01	-1.254E-02
7.200	62.900	346.9	_	2.65	-5.032E-01	-1.947E-03	4.732E U2			-5.934E-02
7.300	63.000	346.9		19.5	-5.034E-01	-2.182E-03				-6.650E-02
2.400	63.100	347.0	_	2.57	-5.033E-01	-1.157E-03			-1.534E 01	-3.525E-02
7.500	63.200	347.0	_	5.52	-5.0336-01	3.1835-04	4.724E 32		-1.534E 01	9.702E-03
7.600	63.300	346.9	-	5.49	-5.033E-01	-1.712E-03	4:722E. 04	1.672E 02	-1.534E 01	-5.218E-02
7.700	63.400	347.0	_	2.4	-5.033E-01	-1.168E-03	4.723E 02	1.658E 02	-1.534E 01	-3.561E-02
7.800	63.500	346.9	2E	5.39	-5.0336-01	-9.719E-04	4.725E 02		-1.534E 01	-2.962E-02
7.900	63.600	346.9	32	5.35	-5.032E-01	-7.230E-04	4.726E UZ	1.631E 02	-1.534E 01	-2.204E-02
8.000	63.700	346.9	35	5.30	-5.032E-01	8.419E-04	4.728E UZ	1.615E 02	-1.5346 01	2.566E-02
8.100	63.800	346.9	35	9.56	-5.031E-01	-5.790E-04	4.724E 02	1.603E 02	-1.534E 01	-1.765E-
8.200	63.900	346.8	1.040E 00	5.21	-5.031E-01	-2.705E-03	4.717E 02	1.588E 02	-1.5336 01	-8.245E-02
8.300	94.000	346.8	*	5.16	-5.033E-01	-1.351E-03	4.715E 02	1.573£ 02	-1.5346 01	-4.117E-02
8.400	64-100	346.8	ш	5. 12	-5.032E-01	-8-146E-04	4.705E 02	1.561E 02	-1.534E 01	-2.483E-
8.500	64.200	346.9		2.07	-5.031E-01	-1.284E-03	4.693E 02	1.544E 02	-1.534E 01	-3.915E-02
8.600	64.300	346.8		5.03	-5.032E-01	-2.323E-03	4.678E 04	1.533E 02	-1.534E 01	-7.082E-02
8.700	004-49	346.9	_	4.99	-5.032E-01	-1.405E-03	4.665E uz	1.521E 02	-1.534E 01	-4.284E-02
9.800	64.500	346.9	*	4.95	-5.031E-01	-1.782E-03	4.653E 02	1.510E 02	-1.534E 01	-5.432E-02
8.900	009.49	347.0	ш	4.92	-5.033E-01	-9.837E-04	4.642E U2	1.500E 02	-1.5346 01	-2.998E-02
000 -6	64.700	346.9	*	4.87	-5.031E-01	2.984E-04	4.624E J2	1.486E 02	-1.534E 01	9.094E-03
001-6	94.800	347.0	*	4.84	-5.031E-01	-1.0456-03	4.606E UZ		-1.533€ 01	-3.185E-02
9.200	64.900	346.9	1.0146 00	4.80	-5.032E-01	-2.846E-03	4.599E 02	1.463E 02	-1.5346 01	-8.675E-0
9.300	65.000	347.0	-	4.75	-5.0336-01	-2.572E-03	4.588E U2		-1.534E 01	-7.840E-0
9.400	65.100	346.8	<u>w</u>	4.70	-5.0346-01	-1.2276-03	4.586E JZ	1.431E 02	-1.534E 01	-3.741E-
9.500	65.200	347.0	¥	4.67	-5.034E-01	-9.704E-04	4.582E u2		-1.5346 01	-2.958E-
9.600	65.300	346.9	W	19.4	-5.034E-01	-1.656E-03	4.580E JZ		-1.5346 01	-5.047E-
9.700	65.400	346.9	¥	4.57	-5.034E-01	-9.091E-04	4.596E J2		-1.534E 01	-2.771E-02
9.800	65.500	346.8		4.53	-5.034E-01	1.8326-04	4.590E UZ		-1.534E 01	5.583E-0
006-6	65.600	346.8	w	4.48	-5.032E-01	1.1826-03	4.596E UZ		-1.5346 01	3.604E-02
00000	65.700	346.8	w	4.43	-5.032E-01	-2.548E-04				-7.766E-03
0-100	65.800	346.9	w	4.39	-5.031E-01	-4.845E-04			-	-1.477E-02
0.200	65.900	346.9	₩!	4:34	-5.0306-01	-2.996E-03	_	_		-9.132E-02
0.300	99-000	346.9	K :	4.31	-5.032E-01	-2.297E-03				-7.001E-02
0.400	99-100	347.0	W :	4.27	-5.032E-01	-1.386E-03	76			-4.225E-02
0.500	99.200	347.0	*	4.23	-5.031E-01	-1.121E-03				-3.417E-02
0000	90.300	347.0			-5.033E-01	-3.024E-03				-9.216E-02
0.700	9004.00	347.0	ų,	*	-5.034E-01	-2.100E-03		1-263E 02	_	-6.400E-02
0.800	000.00	341.0	¥ !	91.	-2.039E-01	-1.219E-03	_			-3.7165-02
0.00	96.600	346.9	<u> </u>	4.07	-5.0336-01	7.201E-04			_	2-195E-02
000	99.100	346.8	2	9:0	-5.032E-01	9.062E-04	1			2.762E-02
1.100	96.800	346.9	2	3.97	-5.031E-01	-3.368E-04			_	-1.026E-0
1.200	99.	347.0	*	3.91	-5.032E-01	-1.834E-03	4.667E J2	1.193€ 02	_	-5.592E-0
81.300	67-000	347.0	1.031E 00	3.87	-5.031E-01	-9.867E-04		-	1.534	
1.400	01.19	346.9	w :	3.84	-5.032E-01	-1.694E-03	4.681E 02	1.170E 02	-1.534E 01	-5.164E-0
	-					-				

EXPERIMENTAL DATA

			TENCTON	FNGTH	VEI OCITY	ACCEL	TENSTON	FNGTH	TH VELOCITY	ACCEL.
RCOR	NO.	- 17C				- 11111				
SEC	SEC	DEG	1.85		FT/SEC	FT/SEC/SEC	GRAM	5	CN/SEC	CM/SEC/SEC
81.600	67.300	346.9	***	3.73	-5.035E-01	-2.848E-03	4.686E 04		-1.535E 01	-8.682E-02
1.700	67.400	346.9		3.68	-5.036E-01	-2.267E-03	4.689E UZ		-1.535E 01	-6.911E-02
1.800	67.500	347.0		3.64	-5.036E-01	-1.052E-03	4.690E 02			-3.205E-02
1.900	67.600	347.0		3.61	-5.035E-01	6.994E-04	4.691E 02	1.099E 02		2.132E-02
2.000	67.700	346.9		3.56	-5.0336-01	1.7285-04	4.694E UZ			5.267E-0
2.100	67.800	347.1		3.52	-5.031E-01	1.051E-03	4.695E U2			3. 20 3E-0
2.200	67.900	347.0		3.49	-5.032E-01	-1.990E-03	4.694E J2	1.062E 02	-1.534E 01	-6.064E-0
2.300	68.000	347.1		3.44	-5.032E-01	-1-355E-03		1.049E 02	-1.534E 01	-4.131E-0
2.400	68.100	346.9		3.40	-5.032E-01	-5.760E-05	4.706E JZ	1.035E 02	-1.534E 01	-1.756E-0
2.500	68.200	347.0		3.36	-5.032E-01	-2.171E-03	4.699€ 32	1.023E 02	-1.534E 01	-6.616E-02
2.600	68.300	346.9		3.31	-5.0346-01	-2.985£-03	4.699E UZ	3010	-1.534E 01	-9.099E-0
. 700	68.400	347.0		3.27	-5.034E-01	-1.895E-03	30	15	-1.534E 01	-5.776E-0
2-800	68.500	346.9		3.22	-5-035E-01	-2.3346-03	4.696E 42		535E	-7.113E-02
2.900	68-600	346.9			-5.035E-01	1-196F-04	4.698E 02		535E	3.6476-03
000	68.700	346.9		3.13	-5.034E-01	1-802F-04	706E		534E	5.4926-03
3.100	68-800	346.8		3.08	-5.033E-01	-1-272E-03	4.704E 02		534E	-3.879E-02
3-200	68.900	346.9		3.03	-5.034E-01	-9.483E-04	4.709E 32	18E	534E	-2.890£-02
3.300	69.000	346.9		2.99	-5.033E-01	-1.674E-03	4.712E 02	ILE	5346	-5.103£-02
9-400	69.100	346.9		2.94	-5.032E-01	9-416E-04	4.713E 02			2.870E-02
3.500	69.200	347.0		2.91	-5.031E-01	-1.932E-03	4.707E 32	-		-5.889E-0
9.600	69.300	347.1	1-036€ 00	2.87	-5.0336-01	-3.975E-03	4.700E 92	8.759E OL	534E	-1.212E-01
3. 700	69.400	347.0		2.83	-5.034E-01	-4-239E-04	4.702E 02	8.628E 01	-1.5346 01	-1.292E-02
3.800	69.500	347.0		2.79	-5.0346-01	-1.7536-03	4.707E 32	8-502E 01		-5.3446-02
3.900	69.600	347.0		2.75	-5.034E-01	-1.218E-03	4.702E UZ	8.370E 01	-1.534E 01	-3.712E-0
000-	69.700	347.0		2.70	-5.0336-01	-2.518E-04	4.709E 02	8.228E 01	-1.534E 01	-7.676E-0
.100	69.800	347.0		2.67	-5.033E-01	-4.948E-04	4.713E UZ	8.139E 01	-1.534E 01	-1.508E-0
1.200	69.900	347.0		2.62	-5.0336-01	-7.548E-04	4.713E u2	7.978E 01	-1.534E 01	-2.301E-02
4.300	70.000	347.0		2.58	-5.032E-01	-1.239E-03	4.716E J2	7.872E 01	-1.534E 01	-3.777E-0
004-	70.100	347.0		2.54	-5.032E-01	1.0466-03	4.718E 02	7.732E 01	-1.534E 01	3.190E-02
1.500	10.200	347.0		2.30	-5.031E-01	-9.564E-04	4.715E JZ	7.613E 01	-1.5336 01	-2.915E-0
009-	70.300	347.0		2.4	-5.0336-01	-2.810E-03	4.713€ 32	7.441E 01	-1.534E 01	-8.565E-02
.700	10.400	346.9		2.40	-5.033E-01	-8.552E-04	4.710E JZ	7.308E 01	-1.534E 01	-2.607E-0
800	70.500	346.9		2.35	-5.034E-01	-1.847E-03	4.713E 02	7.153E 01	-1.534E 01	-5.630E-02
006-1	70.600	346.9		2.30	-5.0346-01	-2.966E-03	4.705E J2	6.998E 01	-1.534E 01	-9.040E-02
2.000	70.700	347.0		2.25	-5.035E-01	-5.7166-04	4.711E JZ	6.863E 01	-1.535£ 01	-1.742E-02
2.100	70.800	347.0		2.22	-5.034E-01	-2.829E-04	4.708E 02	6.764E 01	-1.5346 01	-8.621F-0
5.200	70.900	347.0		2.19	-5.032E-01	-1.086E-03	4.699E 02	6.666E 01	-1.5346 01	-3.311E-02
9.300	11.000	347.1		2.14	-5.0346-01	-2.007E-03	4.699E JZ	6.536E 01	-1.5346 01	-6.116E-02
2.400	71.100	347.1		5.09	-5.0336-01	-2.799E-04	4.700E 32	6.377E 01	-1.5346 01	-8.531E-03
5.500	71.200	347.1		2.06	-5.033E-01	-1.566E-04	4.698E UZ	6.264£ 01	-1.5346 01	-4.772E-03
2.600	71.300	347.0		2.02	-5.032E-01	-1.182E-03	4.697E 02	6.158E 01	-1.5346 01	-3.604E-02
5.700	71.400	347.1		1.98	-5.032E-01	-8-131E-04	4.6916 02	6.035E 01	-1.5346 01	-2.478E-0
5.800	71.500	347.0		1.93	-5.032E-01	-2.302E-03	4.694E 02	5.886E 01	-1.5346 01	-7.016E-02
2.900	71.600	347.1		1.90	-5.0346-01	-2.747E-03	4.695ë 02	5.784E 01	-1.534€ 01	-8.374E-02
0000-9	71.700	347.0		1.84	10-346-01	-1.8746-02	4 7016 .13		-1 6166 01	- L BALK-03
					1	20101	20 20000	201000	10 3256	

EXPERIMENTAL DATA

RCJR	RUN	USCL.	TENSION	LENGTH	VELOCITY	ACCEL.	TENSION	LENGTH	VELUCITY	ALLEL
SEC	SEC	DEG	1.85	11	FT/SEC	FT/SEC/SEC	GRAM	5	CM/SEC	CM/SEC/SEC
86.200	71.900	346.9	7	1.75	-5.035E-01	-2.168E-03	4.704E 02	5.338E 01	-1.535E 01	-6.607E-02
86.300	72.000	346.9	96	1.70	-5.035E-01	-8.397E-04	4.708E 02	5-195E 01	535E	-2.559E-02
86.400	72.100	346.8	*	1.66	-5.035E-01	8-870E-04	4.701E 02	5.071E 01	-1.535£ 01	2.703E-02
86.500	72.200	346.9	1.038E 00		-5.034E-01	-3.427E-04	4.707E 32	4.900E 01		-1.044E-02
86.600	72.300	347.0	1.035E OC	-	-5.034E-01	-1-8376-03		4.776E 01		-5.598E-02
86. 700	72.400	347.1	32	-	-5.033E-01	-8.227E-04	4.680E UZ	4.675E 01	7	-2.508E-02
86.800	72.500	347.1	*	-	-5.032E-01	-6.558E-04	4.669E 02	4.575E 01	-1.534E 01	-1.999E-02
86.900	72.600	347.1	4		-5.033E-01	-1.270E-03	4.658E UZ	4.468E 01	-1.534E 01	-3.872E-02
87.000	72.700	347.1	1.024E 00	-	-5.034E-01	-2.112E-03	4.6476 02	4.355E 01	-1.534E 01	-6.438E-02
87.100	72.800	347.1	32	1.39	-5.034E-01	-1.606E-03	4.638E 02	4.243E 01		-4.896E-02
87.200	72.900	347.0	*	-	-5.035E-01	-1.947E-03	4.620E uz	4.091E 01	-1.535E 01	-5.934E-02
87.300	73.000	347.1	*	7	-5.036E-01	-1.600E-03	4.608E uz	3.951E 01	-1.535E 01	-4.876E-02
87.400	73.100	347.0	36	-	-5.036E-01	3.6196-05		3.829E 01	-1.535E 01	1.1036-03
87.500	73.200	347.0	3	_	-5.035E-01	7.695E-04		3.737E 01	-1.535E 01	2.346E-02
87.600	73.300	347.0	*		-5.034E-01	-3.1896-03	4.577E UZ	3.565E 01	-1.534E 01	-9.720E-02
87.700	73.400	347.2	36	_	-5.037E-01	-2.088E-03		3.433E 01	-1.535E 01	-6.364E-02
87.800	73.500	347.0	8		-5.036E-01	1.9876-04		3.301E 01	-1.535E 01	6.055E-03
87.900	13.600	346.9	9	-	-5.035E-01	4.114E-04		3.146E 01	-1.535E 01	1.254E-02
88-000	13.700	347.0	H		-5.035E-01	-5.4586-04		2.982E 01	535E	-1.664E-02
88-100	73.800	346.9	36		-5.034E-01	-1.3936-03		2.851E 01	-1.534€ 01	-4.245E-02
88.200	73-900	347.1	2 :		-5.036E-01	-3.449E-03		2.7136 01	-1.535E 01	-1.0516-01
200	24.000	347.0	1.018		-2-0306-01	-2-2406-03	4.6 18E 02	2.602E 01	-1.5356 01	-0.845E-02
200	74.200	347.1	2		10-366-01-	0706-04		3 3016 01	10 3350	0.336.0
88-600	74-300	347.2	2		-5.035E-01	-1-639F-03		2.238F 01	-1.535F 01	-4.995F-0
88.700	74.400	347.2	*	•	-5.035E-01	-2.472E-03	1.5	2.137E 01	-1.5356 01	-7.534E-02
88.800	74.500	347.1	2	0.65	-5.036E-01	-5.3176-04	1.10	1.971E 01		-1.621E-0
88.900	74.600	347.1	*		-5.035E-01	-8.6416-04	. 31	1.8716 01	-1.535E 01	-2.634E-02
89.000	74.700	347.1	*	•	-5.036E-01	-3.545E-05		1.702E 01	-1.535E 01	-1.080E-03
89.100	74.800	347.1	8		-5.034E-01	-5.111E-04	4.671E 02	1.583E 01	-1.534E 01	-1.558E-02
89.200	74.900	347.1	1.029E 00		-5.035E-01	-2.249E-03		1.4406 01	-1.535E 01	-6.854E-02
89.300	15.000	347.1	*	•	-5.036E-01	-2.8656-03	10	1.321E 01	-1.535E 01	-8. 732E-02
89.400	12.100	347.0	3		-5.037E-01	-1.0076-03		1.173€ 01	-1.535E 01	-3.068E-02
89.500	75.200	347.0	8		-5.036E-01	-1.0636-03	4.670E 02	1.0676 01	-1.5356 01	-3.241E-02
89-600	75.300	347.0	1.029E 00	0	-5.036E-01	-8-0796-04		8.989E 00	-1.5356 01	-2.463E-02
89.700	15.400	347.0	*		-5.036E-01	-1.6056-03	4.669E 02	7.477E 00	-1.535E 01	-4.891E-0.
89.800	75.500	347.1	*		-5.036E-01	-1.5026-03	4.667E 02	6.474E 00	-1.5356 01	-4.579E-02
89.900	15.600	347.1	*		-5.036E-01	-1.620E-03	4.666E uz	4.529E 00	-1.535E 01	-4.939E-02
000.06	15.700	347.1	*		-5.036E-01	-8-0506-05	4.668E 02	2.281E 00	-1.5356 01	-2.454E-0
90.100	75.800	347.1	3		-5.0346-01	3.5236-04	7	10-3619-4-	-1.5346 01	1.0746-0
90.200	75.900	347.2	3		-5.033E-01	-2.3136-03	4.672E 02	-3.877E 00	-1. 5346 01	-7.050E-02
90.300	16.000	347.1			-5.036E-01	-4.0016-03	30	-5.755E 00	-1.535E 01	-1.220E-0
40.400	16.100	347.2	4		-5.037E-01	-2.363E-04	4.675E 02	- 365E 00	:	-7.203E-0
90.500	76.200	347.2	1.031E 00	-0.24	-5.035E-01	7	4.678E 02	-7.255E 00	:	6.508E-0
90.600	76.300	347.1	37		-5.034E-01	-8-397E-04	4.683E 02	-7.193E 00	-1.534E OL	-2.559E-02
-						1		4 4 4		

EXPERIMENTAL DATA

		OSCL.	TENSION	Z	LENGTH	VEL OCITY	ACCEL.	TENSION	LENGTH VELU	VELUCITY	ACCEL.
SEC	SEC	DEG	1.85		t	FT/SEC	FT/SEC/SEC	GRAM	5	CN/SEC	CH/SEC/SEC
.6	200	347.2	1.031E		-0-24	-5.036E-01	-1.821E-03	4.678E UZ		.535E	-5.551E-0
76.	009	347.2	1.031E		-0.23	-	0	4.676E J2	-7.106E 00	-1.535E 01	-2.917E-02
26.	200	347.0	1.0336		-0.25	-5.036E-01	1.0196-03	4.685E uz			3-106E-02
.92	900	347.0	1.032E		-0.25	-5.034E-01	4.202E-04			1	1.281E-02
76.	900	347.0	1.034€		-0.26	-5.033E-01	-1.267E-03	4.692E 02	-	-1.534E 01	-3.863E-02
7.	000	347.0	1.0336		-0-27	-5.034E-01	-2.628E-03	4.688E JZ	100	-	-8.011E-0
77.	801	347.0	1.036E		-0.25	-5.036E-01	-2.699E-03	4.699E 02	\$2E	. 535E	-8.227E-0
<u>:</u>	200	347.1	1.0336		-0.26	-5.036E-01	-2.342E-03	4.688E 02	æ		-7.138E-0
77.	300	347.1	1.034€		-0.26	-5.036E-01	-9.941E-04	4.691E UZ	-7.860E 00	-	-3.030E-02
7.	004	347.2	1.034€		-0.21	-5.036E-01	-2.094E-03	4.688E UZ	. 553E		-6.384E-0
11.	200	347.2	1.032E		-0.24	-5.036E-01	-1.5406-03	4.681E 02			-4.693E-0
:	009	347.1	1.034E		-0.23	-5.037E-01	-1-973E-03	4.690E 02	-6.939E 00		-6.012E-02
7.	200	347.1	1.034€		-0.24	-5.038E-01	-3.774E-04	4.691E 02			-1.150E-02
1.	900	347.1	1.035E		-0.24	-5.036E-01	-9.158E-05	4.696E UZ			-2.791E-03
=	006	347.1	1.03 TE		-0.24	-5.038E-01	-3.5436-03	4.704E 02			-1.080E-01
5	000	347.2	1.03 TE		-0.24	-5.038E-01	-1.119E-03	4.703E UZ		-	-3.410E-02
	001	347.1	1.03%		-0.24	-5.037E-01	5.716E-04	4.714E 02			1.742E-02
28.	200	347.1	1.03%		-0.24	-5.037E-01	1.1236-04	4.713E 02	-		3.422E-0
2	300	347.0	1.042E		-0.24	-5.036E-01	-7.902E-04	4.725E UZ	-7.299E 00	-	-2.409E-02
ė	000	340.9	1-04ZE		-0-24	-5.036E-01	-1.5356-03	4.728E 02		535E	-4.678E-02
ė	200	347.0	1.000		97.0-	ň.	-2-208E-04	4.727E UZ		-	-1.697E-0
	200	347.1	1.03%		97.0	-3.036E-01	-8-4346-04	1300	-7.968E 00	-1.5356 01	-2.57 IE-02
7	00	347.1	1.030		-0-26	-4.037F-01	-2.3446-03	4.7116 02	4766	4366	11.166-0
93.200 78.	000	347.2	1-038E	8	-0-25	-5.0376-01	998E-04	709E	-7.693E 00		2-438F-02
79.	000	347.2	1.03 TE		-0.24	-5.034E-01	-5.864E-04	4.706E 02		534E	-1.787E-0
79.	001	347.3	1.0336		-0.25	-5.035E-01	-6.307E-04		5	535E	-1.922E-02
79.	200	347.2	1.0306		-0.24	-5.034E-01	-1.5706-03	4.673E 02	-7.354E 00	-1.534E 01	-4.786E-02
2	300	347.1	1.025€		-0.23	-5.036E-01	-1.8916-03	4.651E 02		-1.535E 01	-5.765E-02
2	9	347.1	1.020E		-0-24	-5.035E-01	-2.0436-03	4.625E UZ	_		-6.226E-02
	200	347.0	1-014		-0.24	3	-9.232E-04	4.598E 02		-	-2.814E-02
	009	347.0	1.00%		-0.24	-5.035E-01	2-747E-04	4.578E 02			8.374E-03
	8	347.1	1-006E		-0.25	-5.034E-01	-8.980E-04	165E			-2.737E-0
	88	347.1	1.00 TE		-0.25	-5.035E-01	-1.3896-03	369E		100.51	-4.234E-02
	006	347.1	1.007E		-0.25	-5.035E-01	-1.625E-03	368E	Œ.	-1.535E 01	-4.952E-02
	000	347.0	1.008E		-0.25	-5.036E-01	-1.169E-03	W.	-7.600E 00	-	-3.563E-02
	001	346.9	1.011E		-0.26	-5.035E-01	-7.430E-04	3	65		-2.265E-02
	200	347.0	1.010E		-0.27	-5.035E-01	-1.4336-03	4.582E UZ	243E	_	-4.367E-0
	300	347.0	1.014E		-0.27	-5.036E-01	-1.821E-03	-	-8.182E 00		-5.551E-02
	000	347.0	1.016E		-0.26	-5.035E-01	-2.182E-03			-1.535E 01	-6.650E-0
	200	347.1	1.016E		-0.26	-5.035E-01	-1.0436-03		-	-1.535E 01	-3.178E-02
	909	347.1	1.01%		-0.25	-5.034E-01	-2.23E-04				-6.776E-03
	902	347.1	1.020E		-0.26	-5.034E-01	-8.877E-04	4.625E UZ	-7.816E 00	-1.534E 01	-2.706E-02
	900	347.1	1.020E		-0.25	-5.035E-01	-1.665E-03	4.629E JZ	521E	-1.535E 01	-5.074E-02
	006	147.1	1.0226		40-0-	- K . 0 34F - 0 1	-1-021E-03	4 4 20 0 113	-7 4485 00		C-3111
			117000		17.0		100000	1000 OF	304	10 34CC .T	-30-111C-0C

EXPERIMENTAL DATA

Appropriate and they apply to and

RCOR	RUN	OSCL.	TENSICN	z	LENGTH	LENGTH VELOCITY	ACCEL.	TENSION	LENGTH	VELUCITY	ACCEL.
SEC	SEC	DEG	188		14	FT/SEC	F1/SEC/SEC	GRAM	5	CM/SEC	CM/SEC/SEC
95.400	81-100	347.0	1-027	00	-0.25	-5-034E-01	-8-722F-04	- 11		-1.5346 01	-2.658E-
95.500	81.200	347.1	1.026E	8	-0.25		-3.759E-04	4.655E JZ	-7.486E 00	1. 534E	-1.1466-02
95.600		347.1	1.029E	00	-0.26	-5.033E-01	-1.579E-03	- 70	(77)	534E	-4.813E-
95.700		347.1	1.031E	00	-0.24		-2.553E-03	4.676E UL	-7.424E 00	-1.534E 01	-7.782E-02
95.800	•	347.1	1.032E	8		-5.034E-01			-		-3.426F-
95.900	81.600	346.9	1.033€	00		-5.033E-01		85E		534E	-2.672E-
000.96	81.700	347.0	1.033€	00		-5.034E-01		-	-	534E	-3.205E-
96-100	81.800	346.9	1.033E	00	-0.27	-5.034E-01	-1.0536-03			534E	-3.210E-
96.200	81.900	347.1	1.033E	00		-5.034E-01	-1.145E-03			534E	-3.489E-
96.300	82.000	347.1	1.034E	8		3	-1.950E-03	4.691E 02		534E	-5.943E-0
96.400	82.100	347.1	1.035E	00		-5.035E-01	-		-7.647E 00	535E	-5.209E-
96.500	82.200	347.2	1.035E	8			-	4.694E 02		535E	-5.292E-
96.600	82.300	347.2	1.035E	8	-0.24	3	-			535E	-3.489E-
96.700	82.400	347.1	1.03 SE	00	-0.24	3	-			35E	-4.925E-
96-800	82.500	347.1	1.03 №	8	-0.24	-5.036E-01	-5.192E-04	4.704E 02		53 SE	-1.582E-
006.96	85.600	347.1	1.038E	00	-0.24	-5.035E-01	-1.019E-03			535E	-3.106E-
97.000	82.700	347.1	1.03 TE	8	-0.24	-5.036E-01	-1.090E-03			535E	-3.323E-(
001.76	82.800	347.2	1.034€	00	-0.23	-5.035E-01	-4.483E-04	4.691E UZ	-7.129E 00	335E	-1.3665-0
97.200	82.900	347.1	1.035E	00	-0.25	-5.035E-01	-3.715E-04	4.693E 02	_	35E	-1.132E-
97.300	83.000	347.1	1.03 TE	8	-0.25	-5.035E-01	•	4. 704E UL	-7.477E 00	-1.535E 01	-4.633E-
97.400	83.100	347.0	1.03€	8	-0.25	-5.036E-01	-	4.701E 02	_	1.535E	-4.374E-
97.500	83.200	347.0	1.036	8	-0.25	-5.035E-01	:	~	_	335E	-4.583E-
009.76	83.300	345.0	1.0336	3	97-0-	-2.035E-01	: .	4.687E 02		-1.535E 01	-5.830E-
97.700	83.400	347.0	1.02%	38	70-0-	-2.034E-01	ä.	4.000E UZ		334E	-3.879
97.800	93.500	1.1.1	1.0205	38	70-0-	10-356-01	-1.3/1E-03	4.035E UZ		355	
000	000.00	1016	1001	38	25.0	10-346-01	i .	-		10 346 01-	-4.4486-
98.100	83.800	347.2	1.0006	38	25.0-	-4-034E-01	-1 0276-03	4. 570E 02	7.5006 00	2466	-3 1395-02
98.200	83.900	347.1	1.00%F	38	-0.24	-5.034E-01	1.580E-04	4. 559F 02		-1. 634E 01	A 9176-
98.300	84.000	347.2	1.0036	8	-0.24	-5.032F-01	-9.874F-04		-7.360F 00	5366	-3.010
98-400	84-100	347.1	1-004E	8	-0.24	-5.034E-01	-2-421E-03	4.554E 02	-	34E	-7.379E-
98.500	84.200	347.1	1.004E	00	-0.24	-5.035E-01	-2.500E-03	4.555E 02		535E	-7.620E-
98.600	84.300	347.0	1.006E	8	-0.23	-5.034E-01	9.719E-04	4.562E UZ		-1.535E 01	2.962E-
98.700	84.400	347.1	1.00 TE	00	-0-22	-5.033E-01	-6.876E-04	4.567E 02	_	534E	-2.096E-
98.800	84.500	347.2	1.006E	8	-0-24	-5.034E-01	-1.324E-03	4.563E 02		34E	-4.036E-
98.900	84.600	347.2	1.009€	00	-0.25	-5.034E-01	-2.177E-03			34E	-8.464E-02
99.000	84.700	347.0	1.009€	00	-0-24	-5.036E-01	-2.110E-03	4.577E uz	-7.299E 00	135E	-6.431E-
001.66	84.800	347.0	1.011E	00	-0.24	-5.035E-01	5.303E-04	4.585E U2		335E	1.616E-
99.200	84.900	346.9	1.012E	8	-0-27	-5.035E-01	-2.967E-03	4.592E 02	-8.132E 00	535E	-9.042E-
99.300	85.000	347.0	1.013E	00	-0.27	-5.037E-01	-2.121E-03			-1.535E 01	-6.465E-
99.400	85.100	347.0	1.015E	8	-0.26	-5.036E-01	5	4.603E 02	-7.930E 00	535E	-1.801E-
99.500	85.200	347.1	1.012E	8	-0.25	-5.036E-01	-4.594E-04			-1.535E 01	-1.400E-
99.600	85.300	347.1	1.016E	8	-0-24	-5.035E-01	-1.921E-03		369	-1.535E 01	-5.855E-
	•	347.1	1.015E	00	-0.25	-5.036E-01	-1.544E-03	4.603E 02		33E	•
008.66	85.500	347.1	1.01 TE	00	-0.24	-5.0346-01	1.2536-03		369E	534E	3.820E-(
			-			1	-				

EXPERIMENTAL DATA

RCOR RUN	OSCL.	TENSION	LE	GTH VELOCITY	ACCEL .	TENSION	LENGTH VELO	VELOCITY	ACCEL.
	990	597	7	FT/SEC	FT/SEC/SEC	GRAM	5	CM/SEC	CM/SEC/SEC
000		36		-5.033E-01	-9.586E-04	4-623E 02	-7.024E 00	-1.534£ 01	-2.922E-02
00		36	0 -0.22	-5.033E-01	-2.676E-03	.623€		534E	-8-158E-02
00		1.022E 00		-5.035E-01	-2.791E-03	4.638E JZ	1	-1.535E 01	-8.507E-02
000		32	0 -0.22	-5.036E-01	-7.607E-04	-		-1.535E 01	-2.319E-02
001		36		-5.035E-01	1.137E-04		-7.418E 00	-1.535E 01	3.467E-03
000		¥		-5.033E-01	-6.794E-04		13	-1.534E 01	-2.071E-02
00		36		-5.034E-01	-1.797E-03			-1.534E 01	-5.477E-02
00		1.029E 00	9	-5.035E-01	-2.029E-03			-1.535E 01	-6-186E-02
000		35	0-	-5.036E-01	-1.945F-03				-5.929F-02
	347.0	25		-5.035E-01	-4.350F-04			-1.535F 01	-1.326E-02
000		1.03AF O	0	-5.034F-01	-5. SAIE-04			1 6346 01	-1 695E-02
00	347.1	1.036E 00	-0-	-5.034F-01	-1.700F-03		6.0	-1.5346 01	-5.182F-02
9			-0-	-5.035F-01	-1.0116-03			-1 535E 01	-K 8236-02
9		u	9	-5.035E-01	-1.897E-03			•	-4. 7816-02
9		1.035F 00	9	-5.035F-01	-4.845E-04				-1.4776-02
00		1 4	-0-	-5.034E-01	-2.755F-04			-1.534F 01	-8.396F-03
90		4	9	-5.0346-01	-1.0316-03			-1. 534E 01	-3.142E-02
90		, 4	-	-6.034F-01	-2.0876-03			-1 5355 01	-4 341E-03
		, ,	9	10 34E-01	-0 043E-04	7 7000		•	-3 037E-02
2 2		, ,	99	10-346-01	10055			10 376	-3.031E-
3 5		K X	9	10.346-01	10-3016-04		-7.338E 00	10 346 01	- 2. 606C-03
2			9	- 8 034E-01	46.75-04		3	10 346	-1.0476-03
200 87.900	347.0	, 4	9	-5.034F-01	-1.861E-03			-1.5346 01	-4. 6.73E-0
00		4	0	-5.035F-01	-1.999F-03	4.640F 02		-1. 5356 01	-4.094E-02
400 88.100		1.020E 00	9	-5.036E-01	-1.620F-03			-1.535F 01	-4-936F-02
00	347.0	u	0-	-5.035E-01	-5.916E-04			-1.535F 01	-1.803F-02
000		W	-0-	-5.034E-01	-1.089E-03			-1.534E 01	-3.318E-02
001		*		-5.034E-01	-1.472E-03			-1.534€ 01	-4.486E-02
000		36	0	-5.035E-01	-1.897E-03		_	-1.535E 01	-5.783E-02
000		7		-5.034E-01	-1.279E-03	4.614E U2		-1.534E 01	-3.899E-02
00		w		-5.0346-01	-9.616E-04	4.604E U2		-1.534E 01	-2.931E-02
00		w.		-5.036E-01	-3.722E-03			-1.535E 01	-1.135E-01
007	347.1	w.	ò	-5.036E-01	7.622E-04		-7.097E 00	-1.535E 0L	2.323E-02
00		¥	ė	-5.034E-01	-3.693E-06	4.597E U2	_	-1.534E 01	-1.126E-04
001		*	•	-5.034E-01	-1.588E-03	4.608E JZ	Ξ.	-1.534E 01	-4.840E-02
900	347.2	w	ė	-5.036E-01	-1.686E-03			-1.535E 01	-5.139E-02
99		¥		-5.036E-01	-1.101E-03	-		-1.535E 01	-3.356E-02
00		<u>.</u>		-5.035E-01	-6.196E-04			-1.535E 01	-1.889E-02
1.800 89.500	347.1	1.00% 00		-5.036E-01	-3.848E-04		-	-1.535E 01	-1.173E-02
00		w :	0	-5.035E-01	-6.285E-04			-1.535E 01	
000		1.00% 00		-5.035E-01	-8.338E-04	4.575E UZ	-	-1.535E 01	-2.541E-02
00		<u> </u>		-5.034E-01	-1.125E-03	4.584E 02		-1.534E 01	-3.428E-02
00		*		.034	-1.136E-03	No.	-	-1.534E 01	-3.462E-02
00	347.1	E			•	4.581E 32		-1.534E 01	-5.162E-02
001		1.011E 00	0 -0.24	-5.034E-01	-1.865E-03	4.584F 02	-7.454F 00	-1. 534F 01	-5-6 A&F-07
				ľ					-

EXPERIMENTAL DATA

					ı					•	
RCOR	RUN	OSCL.	TENSION	z	LENGTH	VEL OCITY	ACCEL.	TENSI ON	LENGTH	VELOCITY	ACCEL.
SEC	SEC	0EG	1.85		F1	FI/SEC	F T/SEC/ SEC	GRAM	5	CM/SEC	CH/SEC/SEC
104.600	90.300	347.1		8		-5.034E-01	-1.042E-03	4.5%E JA	-7.263E 00	-1.534E 01	-3.1766-02
104.700	40.400	347.1		00	-0.23	-5.034E-01	-3.338E-04	4.605E J2	-6.889E 00	-1.5346 01	-1.017E-02
104.800	90.500	347.1	1.017E	00		-5.033E-01	-7.8736-04	4.614E UZ	-7.117E 00	-1.534E 01	-2.400E-02
104.900	009.06	347.2		00		-5.033E-01	-9.867E-04	4.622E UZ	-7.111E 00	-1.5346 01	
105.000	90.100	347.1	1.021E	8		-5.034E-01	-1-204E-03	4.632E 02	-7.152E 00	534E	-3.669E-02
105-100	90.800	347.1	1.022E	00		-5.034E-01	-1.980E-03	4.635E UZ	-6.784E 00	-	-6.035E-02
105.200	90.900	347.2	1.023€	8	-0.23	-5.035E-01	-1.2426-03	4.639E uz	-7.141E 00	-1.5356 01	-3. 786E-02
105.300	91.000	347.2	1.025E	8	-0.24	-5.034E-01	-7.3856-04	4.649E UZ	-7.225E 00	-1.534E 01	-2.251E-02
105.400	91.100	347.1	1.023€	8	-0-23	-5.034E-01	-8-670E-04	4.642E UZ	-6.994E 00	-1.534E 01	-2.643E-02
105.500	91.200	347.0	1.02 TE	00	-0.23	-5.034E-01	-1.0416-03	4.658E J2	-6.954E 00	-1.534E 01	-3.174E-02
105.600	91.300	347.0	1.025€	8	-0.25	-5.035E-01	-1.839E-04	4.650E UZ	-7.623E 00	-1.535E 01	-5.605E-03
105.700	91.400	347.1	1.025E	00	-0.26	-5.035E-01	-2.598E-03	4.648E 02	-7.854E 00		-7.919E-02
105.800	91.500	347.0	1.027E	8	- 3	-5.036E-01	-3.069E-03	4.659E 02	-7.813E 00	-1.535E 01	-9.355E-02
105.900	91.600	347.1	1.025E	00	-0.25	-5.035E-01	-6.196E-04	4.650E UZ	-7.603E 00	-1.535E 01	-1.889E-02
106.000	91.700	347.1	1.025E	00	-0.25	-5.034E-01	-3.619E-05	4.649E UL	-7.635E 00	-1.534E 01	-1.103E-03
106.100	91.800	347.2	1-022E	8	-0-23	-5.033E-01	9.283E-04	4.638E 02	-6.942E 00	-1.534E 01	2.830E-02
106.200	91.900	347.1	1.024E	00	-0-24	-5.031E-01	2.272E-03	4.644E UZ	-7.451E 00	-1.533E 01	6.924E-02
106-300	92.000	347.2	1.023€	8		-5.030E-01	-1.402E-03	4.638E J2	-6.854E 00	-1.533E 01	
106-400	92.100	347.1	1.020€	8		-5.032E-01	-3.379E-03	4.628E 02	-7.079E 00	-1.534E 01	-1.030E-01
106.500	92.200	347.2	1.021E	8	-0.23	-5.031E-01	1.957E-04	4.631E JZ	-6.992E 00	-1.534E 01	5.965E-03
106.600	92.300	347.1	1.020E	8	-0.23	-5.032E-01	-1.363E-03	4.625E 02	-7.030E 00	-1.534E 01	-4.153E-02
106.700	92.400	347.2	1.020E	8	-0.22	-5.032E-01	-2.886E-03	4.628E UZ	-6.603E 00	-1.534E 01	-8.797E-02
106-800	92.500	347.1	1.021E	8		-5.035E-01	-2.286E-03	4.629E 02	-7.576E 00	-1.535E 01	-6.969E-02
106.900	92.600	347.2	1.020€	8	-0-23	-5.035E-01	-1.7036-03	4.626E UZ	-7.120E 00	-1.535E 01	-5.191E-02
107.000	92.700	347.1	1.021E	8		-5.036E-01	-1.412E-03	4.630E J2		-1.535E 01	-4.304E-02
107.100	92.800	347.1	1.021E	8	-0.25	-5.0336-01	2.645E-03	4.632E 32	-7.617E 00	-1.534E 01	8.063E-02
107.200	95-900	347.0	1.023E	8		-5.031E-01	2.356E-04	4.641E 02	-7.752E 00	-1.5336 01	
107.300	43.000	347.0	1.023E	8	-0-56	-5.0336-01	-4-535E-03	4.639E 02	-7.883E 00		-1.382E-01
107.400	93.100	347.0	1.022E	8	-0-25	-5.035E-01	-4.498E-03	4.638E UZ	-7.635E 00	-1.535E 01	-1.371E-01
107.500	93.200	347.1	1.022E	8	-0-24	-5.0396-01	-3.651E-03	4.636E UZ	-7.296E 00	-1.536E 01	-1.1136-01
107-600	93.300	347.1	1.023E	88	-0-25	-5.038E-01	-2.408E-04	4.639E 02	-7.734E 00	-1.536E 01	-7.338E-03
107.700	2000	346.1	1-024	38	-0.24	-3.03/E-01	2.991e-04	4.645E 02	-1.51%E 00	-1.5356 01	9.117E-03
107.900	93.400	347.1	1.0235	38	25.0	-3.030E-01	-1.311E-05	4.0466 02	-1.003E 00	10 3356 01	-2-3672-7-
	93 700	147	10200	3 8	200	-2000-01	1 407E-04	4 4595 02	00 330E C	10 366 01	1.4036-02
108-100	93.800	347.2	1.02AF	38	-0-22	-5.034F-01	-1.2536-03	4.666F 32	197	-1. 534F 01	
108.200	93.900	347.2	1.0306	8	-0-23	-5.034F-01	-1.627F-03	4.671F 02	-7-132F 00	10 346	-4. 950F-02
108.300	\$.000	347.1	1.030E	8	-0-23	-5.034E-01	-7-4746-04	4.674E 02	1	-1.534E 01	-2.278E-02
108-400	94.100	347.1	1.032E	8	-0-24	-5.034E-01	-6.078E-04	4.682E UZ	-7.454E 00		
108.500	94.200	347.1	1.0326	8	-0-24	-5.034E-01	-4.512E-04	4.680E UZ	-7-170E 00	-1.534E 01	-1.375E-02
108.600	94.300	347.1	1.0336	00	-0.24	-5.034E-01	-1.96 TE-03	4.684E UZ	-7.185E 00	-1.534E 01	-5.994E-02
108-100	\$.400	347.1	1.0336	8	-0.24	-5.036E-01	-1.992E-03	4.685E 02	-7.351E 00		-6.071E-02
108.800	94.500	347.0	1.0336	8	-0.26	935	-1.432E-03	4.687E 02	-7.804E 00	-1.535E 01	-4.365E-02
108-900	009-46	347.1	1.0336	8	-0.26	.035		4.684E UZ	0	-1.535E 01	-7.361E-03
100.000	94.100	347.1	1.0316	8	-0.56	-5.034E-01	1-4405-04	4.677E 02	-7.845E 00	-1.534E 01	4.389E-03
100,100	004 . 40	147.1	1.0316	č	2	TO SAFE OF	41 KE-02	4 474E A.	-		

EXPERIMENTAL DATA

RCDR	RON	OSCL.	TENSION	z	LENGTH	VEL OCITY	ACCEL.	TENSION	LENGTH	VELOCITY	ACCEL.
SEC	SEC	066	LBS		=	FT/SEC	FT/SEC/SEC	GRAM	5	CM/SEC	CH/SEC/SEC
19.200	\$.900	347.1		8	-0-25	-5.034E-01	-1.4886-03	4.671E 02	-7-664E 00	-1.534E 01	-4.536E-0
9.300	95.000	347.1		00	-0.24	-5.033E-01	.372E			534E	-2.857E-02
9.400	95.100	347.2		00	-0.23	-5.033E-01	-1.213E-03	4.647E 02		-1.534E 01	-3.698E-02
9.500	95.200	347.2	1.024E	8	-0.24	-5.033E-01	-7.703E-04	13	-7.342E 00	-1.534E 01	-2.348E-02
009-60	95.300	347.1		8	-0.23	-5.0336-01	-1.3976-03			-1.534E 01	-4.259E-02
9.700	95.400	347.1		8	-0.24	-5.033E-01	-9.586E-04	4.633E 02	-7.170E 00	-1.5346 01	-2.922E-02
9.800	95.500	347.1		8	-0.24	-5.034E-01	-1.865E-03			-1.534E 01	-5.684E-02
19.900	95.600	347.1		8	-0.23	-5.034E-01	-1.3156-03	4.631E 02	_	-1.534€ 01	-4.009E-02
0000.0	95.700	347.2		8	-0.23	-5.035E-01	-1.2436-03			-1.535E 01	-3.788E-02
0.100	95.800	347.0		8	-0.25	-5.034E-01	-8.294E-04	4.639E 02	-7.620E 00	-1.534E 01	-2.528E-0
0.200	95.900	347.0		8	-0.24	-5.035E-01	-4.867E-04	4.639E 02		-1.535E 01	-1.483E-02
0.300	96.000	347.0		8	-0.25	-5.034E-01	-1.368E-03		_	534E	-4-171E-02
0.400	96.100	347.0		8	-0.26	-5.035E-01	-1.908E-03	4.637E 02	-7.921E 00	-1.535€ 01	-5.814E-02
0.500	96.200	347.0		00	-0.27	-5.034E-01	-1.306E-03	4.632E U2	-8.129E 00	-1.535E 01	-3.982E-02
0.600	96.300	347.0		8	-0.27	-5.034E-01	-1.066E-03	4.630E U2	-8.205E 00	-1.534E 01	-3.248E-02
0.100	96.400	347.1		8	-0.26	-5.034E-01	-1.060E-03	4.632E U2	-7.989E 00	-1.534€ 01	-3.230E-0
0.800	96.500	347.1		8	-0.26	-5.034E-01	-2.308E-03		-7.775E 00	-1.534E 01	-7.034E-02
0.900	96.600	347.2		00	-0.24	-5.034E-01	-1.692E-03	4.631E 02	-7.258E 00	-1.534E 01	-5.157E-02
11.000	96.700	347.1		8	-0.25	-5.034E-01	-6.824E-04	4.640E U2	-7.585E 00	-1.534E 01	-2.080E-02
1.100	96.800	347.1		8	-0.24	-5.034E-01	-5.509E-04		-7.334E 00	-1.534E 01	-1.679E-02
1.200	96.900	347.1		00	-0.23	-5.033E-01	-7.725E-04	-	-6.918E 00	-1.5346 01	-2.355E-02
1.300	97.000	347.1		8	-0.22	-5.034E-01	-2.4256-03	300	-6.769E 00	-1.534E 01	-7.390E-02
1.400	97.100	347.0		8	-0.24	-5.035E-01	-2.932E-04		-7.304E 00	535E	-8.937E-03
1.500	97.200	347.1		00	-0.23	-5.034E-01	-5.125E-04		-6.869E 00	-1.534E 01	-1.562E-0
1-600	97.300	347.1		8	-0.23	-5.033E-01	-8.848E-04		-7-129E 00	534E	-2.697E-02
200	000	346.1		38	57.00	-5.033E-01	-1.206E-03		-1.541E 00	-1.5346 01	-3.683E-02
1.800	97.500	347.1		200	47.0	-5.033E-01	-1.651E-03		-1.439E 00	-1.534E 01	-9.031E-02
200	0000	346.0		3	-0-63	-2.034E-01	50-260-1-		7 77.5	10 3466-1-	-3. COVE-UZ
112.000	97.700	347.0	1.0285	38	-0-25	-2.0356-01	-1-9036-03	4.001E 02	-7.9845 00	-1.535E 01	-5. 80 BE-02
2000	000	247		38	24	- 6 03KE-01	40-9114		7 9436 00	2766	2000
2 300	000	247		38	36.01	-6.0346-01	-3.2845-04			10 3666-1-	-2.0625-02
200	000	247.1		38	20.00	-5.034E-01	-1-808E-03		-7. 200E DO	3768	-1.0025-02
2.500	98.200	347.1		200	-0.24	-5.035F-01	-1.0336-03		-7.325F 00		-3.1405-02
2.600	98-300	347.1		00	-0.24	-5.033E-01	-5.207E-04	-	1	-1.534F 01	-1.587F-02
2.700	98.400	347.1		00	-0.24	-5.0336-01	-6-115E-04			534E	-1.864E-02
2.800	98.500	347.1		8	-0-24	-5.0336-01	-1.9766-03	-	-7.246E 00	534E	-6.021E-02
112.900	98.600	347.1		00	-0.23	-5.034E-01	-1.483E-03		-7.094E 00	-1.534E 01	-4.520E-02
3.000	98.700	347.0		00	-0.24	-5.035E-01	-1-370E-03		-7.225E 00	-1.535E 01	-4-176E-02
113.100	98.800	347.1		00	-0.23	-5.034E-01	-1.383E-03	4.609E 02	-6.977E 00	-1.534€ 01	-4.216E-0
113,200	98.900	347.1		8	-0.24	-5.034E-01	-1.216E-03	4.612E U2	-7.331E 00	-1.534£ 01	-3.707E-02
113.300	000-66	347.1		8	-0.24	-5.035E-01	-8-478E-04	4.607E 02	-7.263E 00	-1.535E OL	-2.584E-0
113.400	99.100	347.1		00	-0.24	-5.038E-01	-4.805E-03	4.614E 02	-7.404E 00	-1.535E 01	-1.465E-01
113.500	99.200	346.9		00	-0.24	-5.002E-01	7.7136-02		-7.225E 00	-1.525E 01	2.351E 0
13.600	99.300	346.7		8	-0-26	-4-850E-01	1.895E-01	4.600E UZ	-7.872E 00	178F	778
					-			-	-		

EXPERIMENTAL DATA

2	RCDR	NON	. 13cl.	TENSION	LENG TH	ISH UNITS	ACCEL.	TENSION	LENGTH	VELOCITY	ACCEL.
99.500 346.5 1.008E 00 -0.26 -4.336E-01 2.58FE-01 4.57kE 02 -7.810E 00 -1.222E 01 7.886E 99.500 346.5 1.002E 00 -0.28 -4.035E-01 2.585E-01 4.55kE 02 -7.48E 00 -1.122E 01 7.819E 99.500 346.3 9.886E-01 -0.22 -3.589E-01 2.583E-01 4.55kE 02 -7.48E 00 -1.062E 01 7.819E 99.600 346.3 9.886E-01 -0.22 -3.289E-01 2.583E-01 4.52E 02 -4.52E 02 -4.52E 01 7.809E 1100.200 345.9 9.886E-01 -0.22 -3.289E-01 2.582E 02 -4.52E 02 -4.52E 02 -4.52E 01 7.809E 1100.200 345.9 9.892E-01 -0.22 -2.599E-01 2.587E-01 4.52E 02 -4.52E 02 -4.52E 00 -1.062E 01 7.809E 1100.200 345.7 1.004E 00 -0.22 -2.599E-01 2.587E-01 4.55E 02 -4.52E 02 -4.52E 00 -9.595E 01 7.809E 1100.200 345.7 1.004E 00 -0.22 -2.599E-01 2.587E-01 4.55E 02 -4.52E 00 -9.595E 00 7.809E 1100.200 345.7 1.004E 00 -0.22 -2.599E-01 2.587E-01 4.55E 02 -4.51E 00 -4.55E 00 -9.595E 00 7.809E 1100.200 345.7 1.004E 00 -0.22 -2.599E-01 2.587E-01 4.55E 02 -4.51E 00 -4.55E 00 7.809E 1100.200 345.7 1.004E 00 -0.22 -1.024E-01 2.546E-01 4.55E 02 -4.51E 00 -4.55E 00 7.809E 1100.200 345.7 1.004E 00 -0.22 -1.024E-01 2.546E-01 4.55E 02 -4.51E 00 -4.55E 00 7.549E 1100.200 345.7 1.004E 00 -0.22 -1.024E-01 2.345E-01 4.55E 02 -4.51E 00 -4.55E 00 7.549E 1100.200 345.3 1.003E 00 -0.22 -1.024E-01 4.55E 02 -4.51E 00 -4.55E 00 7.549E 1100.200 345.3 1.003E 00 -0.22 -1.024E-01 4.55E 02 -4.51E 00 -4.55E 00 7.549E 1100.200 345.3 1.003E 00 -0.22 -1.024E-01 4.55E 02 -4.51E 02 -4.51E 00 -2.53E 00 7.545E 00 7	SEC	SEC	ANGL E DEG	188	ŧ	FT/SEC	FT/SEC/SEC	GRAN	5	CM/SEC	CM/SEC/SEC
99, 600 346.5 1,306.6 02.6 -4.0746-01 2.5976-01 4.5516 02 -7.4186 00 -1.1622 01 7.7726 99, 700 346.4 1,0022 00 -0.24 -3.0176-01 2.5565-01 4.5516 02 -7.4186 00 -1.1622 01 7.7726 99, 700 346.0 9.9872-01 -0.22 -3.5496-01 2.5356-01 4.5276 02 -6.7376 00 -1.0026 01 7.6566 100.000 346.0 9.9872-01 -0.22 -2.5976-01 2.5976-01 4.5276 02 -6.736 00 -2.5976 00 7.6102 100.000 346.0 9.9826-01 -0.22 -2.5976-01 2.5476 02 -6.736 02 -6.736 00 -2.5976 00 7.6102 100.000 345.9 9.9926-01 -0.22 -2.5976-01 2.5476 02 -6.736 02 -6.736 00 -2.5976 00 7.7416 100.000 345.7 1.0026 00 -0.22 -2.5976-01 2.5476 01 4.5546 02 -6.736 00 -2.5976 00 7.7416 100.000 345.7 1.0026 00 -0.22 -2.5976-01 2.5476 01 4.5546 02 -6.996 00 7.7426 100.000 345.7 1.0026 00 -0.22 -2.5976-01 2.5476 01 4.5546 02 -6.996 00 7.7436 100.000 345.7 1.0026 00 -0.22 -2.7376-01 2.5476 02 -6.996 00 7.7436 100.000 345.7 1.0026 00 -0.22 -1.7786-01 2.5476 02 -6.996 00 7.7436 100.000 345.7 1.0036 00 -0.22 -1.7786-01 2.5476 02 -6.996 00 7.7436 100.000 345.7 1.0036 00 -0.22 -1.7786-01 2.5476 02 -6.996 00 7.7436 100.000 345.7 1.0036 00 -0.22 -1.7786-01 2.5476 02 -6.996 02 -2.3976 00 -2.3976 00 -0.22 -1.7786-01 4.5546 02 -6.996 00 7.5476 00 -0.23 -1.7796-02 2.4786-01 4.5546 02 -6.996 00 7.5476 00 7.5476 00 -0.23 -1.7796-02 2.4786-01 4.5546 02 -6.996 00 7.5476 00 -0.23 -1.7496-02 2.4786-01 4.5546 02 -6.996 00 7.5476 00 -0.23 -1.7496-02 2.4786-01 4.5546 02 -6.9986 00 -1.0046 00 7.5476-01 4.5466 02 -6.9986 00 -1.0046 00 7.5476-01 4.5466 02 -6.9986 00 -1.0046 00 7.5476-01 4.5466 00 -0.23 -2.3746-01 4.5466 02 -6.9986 00 -1.0046 00 -1.3986-01 4.5466 00 -0.23 -2.3746-01 4.5466 02 -6.9986 00 -1.0046 00 -1.3986-01 4.5466 00 -0.23 -2.3746-01 4.5466 02 -6.9986 00 -1.0046 00 -1.3986-01 4.5466 00 -0.23 -2.3746-01 4.5466 00 -0.23 -2.3746-01 4.5466 00 -0.23 -2.3746-01 4.5466 00 -0.23 -2.3746-01 4.5466 00 -0.23 -2.3746-01 4.5466 00 -0.23 -2.3746-01 4.5466 00 -0.23 -2.3746-01 4.5466 00 -0.23 -2.3746-01 4.5466 00 -0.23 -2.3746-01 4.5466 00 -0.23 -2.3746-01 4.5466 00 -0.23 -2.3746-01 4.5466 00 -0.23 -2.37	113.800		346.5	1.008E 00	-0.26	-4-336E-01	2.587E-01	4.574E 02	9019	-1.322E 01	7.886E 00
99.700 346.4 1.002E 00 -0.24 -3.613E-01 2.565E-01 4.551E 02 -5.71E 00 -1.102E 01 7.702E 99.700 346.0 346.0 9.98F-01 -0.21 -3.535E-01 4.535E 02 -6.71E 00 -1.004E 01 7.056E 11 00.000 346.0 9.99R-01 -0.21 -3.535E-01 4.525E 02 -6.71E 00 -1.004E 01 7.056E 11 00.000 346.0 9.99R-01 -0.22 -2.539E-01 2.546E-01 4.525E 02 -6.71E 00 -1.004E 01 7.05E 1100.100 345.9 9.99E-01 -0.22 -2.539E-01 2.546E-01 4.554E 02 -6.71E 00 -1.004E 01 7.709E 1100.200 345.9 1.007E 00 -0.22 -2.539E-01 2.467E-01 4.554E 02 -6.71E 00 -7.749E 00 7.779E 1100.200 345.7 1.007E 00 -0.22 -2.539E-01 2.467E-01 4.554E 02 -6.71E 00 7.779E 00 7.779E 1100.200 345.7 1.007E 00 -0.22 -1.728E-01 2.467E-01 4.554E 02 -6.71E 00 7.779E 00 7.779E 1100.200 345.7 1.007E 00 -0.21 -1.228E-01 2.467E-01 4.554E 02 -6.71E 00 7.779E 00 7.779E 1100.200 345.7 1.007E 00 -0.21 -1.228E-01 2.467E-01 4.554E 02 -6.71E 00 7.779E 00 7.779E 1100.200 345.7 1.007E 00 -0.21 -1.228E-01 2.476E-01 4.546E 02 -6.71E 00 7.779E 00 7.779E 1100.200 345.3 1.007E 00 -0.22 -1.779E-02 2.476E-01 4.546E 02 -6.71E 00 7.457E 00 7.779E 1100.200 345.3 1.007E 00 -0.22 -1.779E-02 2.476E-01 4.546E 02 -6.18E 00 7.457E 00 7	113.900		346.5	106E	-0.26	-4.074E-01	2.597E-01		840E	-1.24ZE 01	
99.800 346.3 9.987E-01 -0.22 -3.549E-01 2.373E-01 4.530E 02 6.51E 00 -1.082E 01 7.050E 1100.000 346.0 9.976E-01 -0.22 -3.549E-01 2.572E-01 4.526 02 -6.51E 00 -1.082E 01 7.056E 1100.000 345.9 9.992E-01 -0.22 -2.794E-01 2.529E-01 4.526E 02 -6.790E 00 -2.299E 00 7.010E 1100.000 345.9 9.992E-01 -0.22 -2.794E-01 2.529E-01 4.526E 02 -6.790E 00 -2.299E 00 7.010E 1100.000 345.9 9.992E-01 -0.22 -2.794E-01 2.549E-01 4.554E 02 -6.790E 00 -2.299E 00 7.749E 1100.000 345.7 11.005E 00 -0.21 -2.287E-01 2.469E-01 4.554E 02 -6.779E 00 -2.796E 00 7.749E 1100.000 345.7 11.005E 00 -0.21 -1.783E-01 2.469E-01 4.554E 02 -6.479E 00 -2.496E 00 7.749E 1100.000 345.7 11.005E 00 -0.21 -1.783E-01 2.469E-01 4.554E 02 -6.479E 00 7.496E 00 7.591E 1100.000 345.7 11.005E 00 -0.21 -1.732E-01 2.469E-01 4.554E 02 -6.479E 00 7.496E 00 7.496E 01 7.591E 1100.000 345.3 11.000E 00 -0.21 -1.732E-01 2.469E-01 4.554E 02 -6.439E 00 7.496E 00 7.496E 01 7.591E 1100.000 345.3 11.000E 00 -0.21 -1.732E-01 2.469E-01 4.554E 02 -6.453E 00 7.496E 00 7.496E 01 7.594E 02 -6.439E 00 7.496E 00 7.496E 01 7.496E 02 -6.439E 00 7.496E 00 7.496E 01 7.496E 02 -6.439E 00 7.496E 00 7.496E 02 -6.439E 00 7.496E 01 7.496E 01 7.496E 02 -6.439E 02 -6.439E 00 7.496E 01 7.496E 01 7.496E 01 7.496E 02 -6.439E 02 -6.439E 00 7.496E 01 7.496E 01 7.496E 01 7.496E 01 7.496E 02 -6.439E 01 7.496E 01 7.49	114.000		346.4	02E	-0-24	-3.8136-01	2.565E-01		418E		
99,900 346.0 9,980E-01 -0.21 -3.29E-01 2.57E-01 4.52E 02 -6.52IE 00 -1.004E 01 7.65E 1100.000 346.0 9,97E-01 -0.22 -2.794E-01 2.52E-01 4.52E 02 -6.79EE 00 -1.004E 01 7.709E 1100.000 345.9 9,97E-01 -0.22 -2.794E-01 2.59E-01 4.52E 02 -6.79EE 00 7.79EE 00 7.709E 1100.200 345.9 9,97E-01 -0.22 -2.794E-01 2.546E-01 4.55E 02 -6.79EE 00 7.79EE 00 7.79EE 1100.000 345.9 1.004E 00 -0.22 -2.794E-01 2.546E-01 4.55E 02 -6.79EE 00 7.79EE 00 7.79EE 1100.000 345.7 1.007E 00 -0.22 -2.79EE-01 2.79EE-01 4.55E 02 -6.79EE 00 7.79EE 00 7.79EE 1100.000 345.7 1.007E 00 -0.22 -2.79EE-01 2.79EE-01 4.55E 02 -6.79EE 00 7.79EE 00 7.79EE 1100.000 345.3 1.007E 00 -0.22 -2.79EE-01 2.79EE-01 4.55EE 02 -6.79EE 00 7.79EE 00 7.79EE 1100.000 345.4 1.007E 00 -0.22 -2.79EE-01 2.79EE-01 4.55EE 02 -6.79EE 00 7.79EE 00 7.79EE 1100.000 345.4 1.007E 00 -0.22 -2.79EE-01 2.79EE-01 4.55EE 02 -6.79EE 00 7.59EE 00 7.79EE 1100.000 345.3 1.007E 00 -0.22 -7.79EE-01 2.79EE-01 4.55EE 02 -6.79EE 00 7.59EE 00 7.79EE 1100.000 345.3 1.007E 00 -0.23 7.779E-02 2.79EE-01 4.55EE 02 -6.79EE 00 7.59EE 00 7.59EE 1100.000 345.3 1.007E 00 -0.23 7.779E-02 2.79EE-01 4.55EE 02 -6.79EE 00 7.59EE 01 7.59EE 02 7.79EE 00 7.59EE 02 7.79EE 02 7.79EE 02 7.79EE 02 7.79EE 01 7.59EE 02 7.79EE 02	114.100		346.3	-378·	-0.22	-3.549E-01	2.533E-01		737E		
100.000 345.0 9.976E-01 -0.22 -3.049E-01 2.497E-01 4.5256 0.2 -6.739E 0.0 -9.519E 0.0 7.7109E 100.0100 345.9 9.985E-01 -0.22 -2.539E-01 2.549E-01 4.5246 0.2 -6.454E 0.0 -6.194E 0.0 -7.740E 0.0 7.740E 0.0	114.200		346.0	-308	-0-21	-3.293E-01	2.512E-01		0.000		-
100.100 345.9 9.982E-04 -0.22 -2.794E-04 2.529E-01 4.554E 02 -6.713E 00 -6.517E 00 7.709E 100.200 345.9 9.995E-04 -0.22 -2.539E-01 2.409E-01 4.546E 02 -6.456E 00 -6.456E 00 7.521E 100.200 345.7 1.005E 00 -0.22 -7.287E-01 2.476E-01 4.554E 02 -6.456E 00 -5.456E 00 7.525E 100.200 345.7 1.005E 00 -0.22 -7.238E-01 2.476E-01 4.554E 02 -6.518E 00 -5.456E 00 7.525E 100.200 345.7 1.005E 00 -0.22 -7.238E-01 2.476E-01 4.554E 02 -6.518E 00 -5.456E 00 7.525E 100.200 345.5 1.007E 00 -0.22 -7.238E-01 2.476E-01 4.546E 02 -6.518E 00 -5.456E 00 7.525E 100.200 345.3 1.001E 00 -0.22 -7.238E-01 2.476E-01 4.546E 02 -6.518E 00 -5.457E 00 -5.451E 00 -5.457E 0	114.300		346.0	-39L	-0.22	-3.049E-01	2.497E-01	-	-		
100.200 345.9 9.995E - 01 -0.22 -2.239E - 01 2.540E - 01 4.594E 02 -6.494E 00 -6.494E 00 7.740E 01 0100.300 345.7 1.005E 01 -0.22 -1.238E - 01 2.540E - 01 4.554E 02 -6.456E 00 -6.494E 00 7.545E 100.500 345.7 1.005E 00 -0.22 -1.528E - 01 2.540E - 01 4.557E 02 -6.457E 00 -5.496E 00 7.545E 00 7.543E 00 7.545E 00 7	114-400		345.9	82E-	-0.22	-2.794E-01	2.529E-01		-		1000
100.300 345.8 1.002E 00 -0.21 -2.287E-01 2.540E-01 4.557E 02 -6.545E 00 -5.459E 00 7.555E 100.500 345.7 1.005E 00 -0.22 -1.528E-01 2.540E-01 4.557E 02 -6.518E 00 -5.456E 00 7.555E 100.500 345.7 1.005E 00 -0.21 -1.528E-01 2.545E-01 4.557E 02 -6.518E 00 -5.456E 00 7.575E 100.600 345.7 1.007E 00 -0.21 -1.528E-01 2.476E-01 4.554E 02 -6.518E 00 -5.456E 00 7.547E 100.600 345.3 1.007E 00 -0.22 -1.734E-01 4.546E 02 -6.518E 00 -5.456E 00 7.547E 100.600 345.3 1.007E 00 -0.23 -7.749E-02 2.476E-01 4.554E 02 -6.518E 00 -2.342E 00 7.547E 100.600 345.3 1.003E 00 -0.23 -7.749E-02 2.476E-01 4.554E 02 -6.518E 00 -2.342E 00 7.547E 100.600 345.3 3.957E-01 -0.22 -1.229E-02 2.476E-01 4.554E 02 -6.731E 00 -2.342E 00 7.547E 00 -0.376E-01 4.554E 02 -6.731E 00 -2.342E 00 7.547E 00 -0.376E-01 4.554E 02 -6.376E 00 -3.746E-01 3.957E 00 -0.22 -1.229E-02 1.276E-03 4.516E 02 -6.376E 00 -6.376E-03 1.296E-02 4.516E 02 -6.376E 00 -6.376E-03 1.296E-03 4.516E 02 -6.376E 00 -6.376E-03 1.296E-03 4.516E 02 -6.376E 00 -7.257E-03 4.516E 02 -6.376E	114.500		345.9	-356	-0.22	-2.539E-01	2.487E-01		1000		
100.400 345.7 1.004E 00	114.600		345.8	102E	-0.21	-2.287E-01	2.540E-01				
100.500 345.7 1.005E 100 -0.22 -1.783E-01 2.546EE-01 4.557E 12 -6.537E 100 -5.436E 10	114- 700		345.7	104E	-0.22	-2.033E-01	2.478E-01		-		
100.600 345.7 1.007E 00 -0.21 -1.52E-01 2.532E-01 4.567E 02 -4.551E 00 -4.657E 00 7.547E 100.600 345.5 1.007E 00 -0.21 -1.52E-01 2.476E-01 4.546E 02 -6.184E 00 -3.120E 00 7.547E 100.600 345.4 1.003E 00 -0.23 -7.749E-02 2.476E-01 4.546E 02 -6.184E 00 -2.362E 00 7.547E 100.900 345.3 1.001E 00 -0.23 -7.749E-02 2.476E-01 4.546E 02 -7.301E 00 -7.302E 00 7.547E 101.100 345.3 9.974E-01 -0.22 -7.299E-02 2.476E-01 4.546E 02 -7.301E 00	114.800		345.7	105E	-0.22	-1.783€-01	2.468E-01		1000		
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0.0 345.7 1.00TE 00 -0.22 -3.644E-03 3.515E-04 4.546E 02 -6.629E 00 -1.111E-01 1. 0.0 345.8 1.00TE 00 -0.22 -3.502E-03 1.396E-04 4.546E 02 -6.746E 00 -1.06TE-01 4. 0.0 345.8 1.00TE 00 -0.21 -3.525E-03 4.579E-05 4.549E 02 -6.512E 00 -1.074E-01 1. 0.0 345.7 1.00TE 00 -0.22 -3.719E-03 -4.165E-04 4.560E 02 -6.512E 00 -1.106E-01 -2. 0.0 345.6 1.005E 00 -0.21 -3.630E-03 -1.453E-03 4.561E 02 -6.40TE 00 -1.148E-01 -4. 0.0 345.6 1.006E 00 -0.23 -3.715E-03 -1.453E-03 4.561E 02 -6.415E 00 -1.166E-01 -4.	116.100		345.7	390	-0.21	-3.707E-03	-7.77E-04			-1.130E-01	-2.370£-02
0.0 345.8 1.007E 00 -0.22 -3.502E-03 1.396E-04 4.546E 02 -6.746E 00 -1.067E-01 4. 0.0 345.8 1.007E 00 -0.21 -3.525E-03 4.579E-05 4.549E 02 -6.512E 00 -1.074E-01 1. 0.0 345.7 1.007E 00 -0.22 -3.719E-03 -4.165E-04 4.560E 02 -6.314E 00 -1.134E-01 -1. 0.0 345.7 1.006E 00 -0.21 -3.630E-03 4.556E 02 -6.687E 00 -1.136E-01 -4. 0.0 345.7 1.006E 00 -0.22 -3.771E-03 -1.337E-03 4.550E 02 -6.687E 00 -1.156E-01 -4. 0.0 345.7 1.006E 00 -0.24 -3.827E-03 -1.383E-03 4.560E 02 -6.915E 00 -1.166E-01 -4.	116.200		345.7	200	-0.22	-3.644E-03	3.5156-04	-		-1.111E-01	1.071E-02
0.0 345.8 1.007E 00 -0.21 -3.525E-03 4.579E-05 4.569E 02 -6.512E 00 -1.074E-01 1. 0.0 345.7 1.007E 00 -0.22 -3.719E-03 -4.165E-04 4.566E 02 -6.714E 00 -1.134E-01 -1. 0.0 345.7 1.004E 00 -0.21 -3.630E-03 -9.298E-04 4.560E 02 -6.380E 00 -1.106E-01 -2. 0.0 345.7 1.004E 00 -0.23 -3.771E-03 -1.383E-03 4.560E 02 -6.915E 00 -1.166E-01 -4. 0.0 345.7 1.006E 00 -0.24 -3.827E-03 -1.383E-03 4.560E 02 -5.915E 00 -1.166E-01 -4.	116.300		345.8	37 O	-0.25	-3.502E-03	1.396E-04			-1.067E-01	4.254E-03
0.0 345.7 1.007E 00 -0.22 -3.719E-03 -4.165E-04 4.566E 02 -6.714E 00 -1.134E-01 0.0 345.8 1.005E 00 -0.21 -3.630E-03 -9.298E-04 4.566E 02 -6.380E 00 -1.106E-01 0.0 345.7 1.004E 00 -0.22 -3.771E-03 -1.387E-03 4.556E 02 -6.915E 00 -1.150E-01 0.0 345.7 1.005E 00 -0.23 -3.627E-03 -1.453E-03 4.560E 02 -6.915E 00 -1.146E-01 0.0 345.7 1.005E 00 -0.24 -3.627E-03 -1.383E-03 4.560E 02 -7.407E 00 -1.166E-01	116.400		345.8	10 TE	-0.21	-3.525E-03	4.579E-05		. 876	-1.074E-01	1.396E-03
0.0 345.8 1.005E 00 -0.21 -3.630E-03 -9.298E-04 4.560E 02 -6.380E 00 -1.106E-01 0.0 345.7 1.004E 00 -0.22 -3.771E-03 -1.387E-03 4.561E 02 -6.687E 00 -1.150E-01 0.0 345.6 1.006E 00 -0.23 -3.765E-03 -1.453E-03 4.561E 02 -6.915E 00 -1.148E-01 0.0 345.7 1.005E 00 -0.24 -3.827E-03 -1.383E-03 4.560E 02 -7.407E 00 -1.166E-01	116.500		345.7	10 TE	-0.22	-3.719E-03	+-165E-04	97	0.000	-1.1346-01	-1.270E-02
0.0 345.7 1.004E 00 -0.22 -3.771E-03 -1.387E-03 4.56E 02 -6.687E 00 -1.150E-01 0.0 345.6 1.006E 00 -0.23 -3.765E-03 -1.453E-03 4.561E 02 -6.915E 00 -1.148E-01 0.0 345.7 1.005E 00 -0.24 -3.827E-03 -1.383E-03 4.560E 02 -7.407E 00 -1.166E-01	116.600		345.8	105E	-0.21	-3.630E-03	-9.298E-04			-1.106E-01	-2.834E-02
0.0 345.6 1.006E 00 -0.23 -3.765E-03 -1.453E-03 4.561E 02 -6.915E 00 -1.146E-01 -4.	116.700		345.7	104E	-0.22	-3.771E-03	-1.387E-03		-	-1.150E-01	-4.227E-02
0.0 345.7 1.005E 00 -0.24 -3.827E-03 -1.383E-03 4.560E u2 -7.407E 00 -1.166E-01 -4.	116.800		345.6	390	-0-23	-3.765E-03	-1.4536-03		3516	-1-148E-01	-4.430E-02
	116.900		345.7	105E	-0.24	-3.827E-03	-1.383E-03	4.560E u2	407E	-1-166E-01	-4.214E-02

EXPERIMENTAL DATA

7ERS 91 32 6000 5.350E-01 5.360E-01	ACCEL.	CM/SEC/SEC	6. 708E-01	-3.032E-01	-3.009E-01	-2.872E-01	-2.651E-01	-2.834E-01	-3.090E-01	-2.986E-01	-2.870E-01	-2.822E-01	-2.718E-01	-2.669E-01	-2, 707E-01	-2.649E-01	-2. K36-01	-2.482E-01	-2.606E-01	-2.736E-01	-2.871E-01	-2.774E-01	-2.763E-01	10-390/ -Z-	-2.942E-01	-2.8346-01	-2.695E-01	-2.593E-01	-2.883E-01		-2.546E-01	-2.589E-01
DATA PARAMETERS 10 = 91 NREC = 32 NCHN = 6000 KV = 5.356 KA = 5.36	UNITS	CM/SEC	3.908E-01	-6.016E-01	-6-148E-01	-6.002F-01	-5.931E-01	-6.021E-01	-6.078E-01	-5.974E-01	-5.906F-01	-5.976E-01	-5.663E-01	-9.754E-01	-5.783E-01	-5.8156-01	-5. AORE-01	-5.777E-01	-5.867E-01	-5.903E-01	-5.979E-01	-5.899E-01	-5.860E-01	10-3169-6-	-5.770F-01	-5.705E-01	-5.689E-01	-5.536E-01	-5.645E-01	-5.688E-01	-5.743E-01	-5.718E-01
9.0 0.0	LENGTH	5		2.019E 02			018E	015E		2.009E 02			017E				2.0176 02					2.015E 02			2.0115 02			2.021E 02	2.019E 02	2.023E 02		2.020E 02
7	TENSION	GRAM	4.294E 02		4.605E 02	4.60%E uz	4.595E UZ		4.596E UZ	4.5966 02	7	4.593E 02				4.591E 02	4.592F 02				-		4.595E 02				4.589E 02	4.589E J2	4.585E UZ	4.587E 02	4.585E 02	4.589E UZ
OSCILLATOR PARAMETERS MODE	ACCEL .	FT/SEC/SEC	2.201E-02	-9.949E-03	-9.8736-03	-9.422E-03	-8.699E-03	-9.298E-03	-1.014E-02	-9.198E-03	-9.533E-03	-9.258E-03	-8.918E-03	-8.758E-03	-8.882E-03	-8.692E-03	-8-660F-03	-8-1436-03	-8.548E-03	-8.977E-03	-9.4196-03	-9.101E-03	-9.065E-03	-0-075-03 -0-05-03	-9.651E-03	-9.298E-03	-8.8436-03	-8.506E-03	-9.458E-03	-8.332E-03	-8.352E-03	-8-493E-03
AUBBER 1.00 2.00 1.00 32.00 5.00 28.20	SH UNITS	FT/SEC	1.2826-02	-1.9746-02	-2.017E-02	-1.9696-02	-1.9466-02	-1.976E-02	-1.994E-02	-1.960E-02	-1.938F-02	-1.961E-02	-1.858E-02	-1.888E-02	-1.897E-02		-1.9056-02		-1.925E-02	-1.937E-02	-1.962E-02	-	•	70-3776-1-	-1.893F-02	-1.872E-02	-1.866E-02	-1.816E-02	-1.852E-02	-1.866E-02	-1.884E-02	-1-876F-02
	- ENGLISH	ı	7.60	6.62	19.9	9.9	6.62	19.9	9.90	6.39	3	9.91	6.62	9.95	6.62	9.95	20.0	6.63	6.62	6.62	6.63	19.9	10.0	20.0	10.0	6.61	6.63	6.63	6.62	49.9	6.63	0.03
ATERIAL . ONFP ATION, FP ATION, FP ATION, FP E, SEC LENGTH, FT	TENSI ON	188	-		1.0156 00	8 %		3410				_			1		1.012F 00		1		-	-	-					11000				
MINCH PARAM CABLE M CABLE M ACCELER VELOCIT DECELER RUN TIAL INITIAL	0.561.	ANGLE	345.2	345.5	345.5	345.3	344.8	344.7	344.8	344.8	345.0	345.0	344.9	345.0	344.9	344.9	366.9	344.9	345.0	345.0	344.8	344.8	344.8	344	346.0	345.0	345.0	345.0	345.0	45.	345.0	;
2	RUN	SEC	0.0	0.0			0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TEST NO.	RCOR	SEC	0.0	0.100	0.200	0.400	0.500	0.600	0.100	000	1.000	1.100	1.200	1.300	1-400	1.500	1-700	1.800	1.900	2.000	2.100	2.200	2,400	2000	2.600	2.700	2.800	200	3.000	3.100	3.200	3.300

EXPERIMENTAL DATA

TARIE LENGTH CARLE CYCTEMS DYNAMICS

				ENGL	ENGLISH UNITS			METRIC	METRIC UNITS	
RCDR	RUN	O SCL .	TENSION	LENG TH	VELOCITY	ACCEL .	TENSION	LENGTH	VELOCITY	ACCEL.
*	SEC	DEG	res	11	FT/SEC	FT/SEC/SEC	GRAM	5	CN/SEC	CH/SEC/SEC
	0.	346.9	126	6.63	-1.8786-02	-8-1536-03	4-588E 02		-5.725E-01	-2.485E-01
3.500 0.	0.0	345.0	311	6.63	-1.851E-02	-0.6336-03		15	-5.641E-01	-2.631E-01
	0.0	345.0	1.012E 00	6.63	-1.849E-02	-8.270E-03		2.019E 02	-5.634E-01	-2.521E-01
	0.	344.9	116	6.63	-1.812E-02	-8.964E-03			-5.524E-01	-2.732E-01
		344.9	126	6.62	-1.822E-02	-8.846E-03	316S		-5.554E-01	-2.696E-01
	0.	344.9	12E	6.62	-1.827E-02	-9.0596-03	4.590E 02		-5.569E-01	-2.761E-01
		344.9	126	19.9	-1.794E-02	-9.301E-03		M	-5.46BE-01	-2.835E-
		344.9	136	09 .9	-1.761E-02	-9.1446-03		46	-5.368E-01	-2.787E-
		344.9		6.62	-1.798E-02	-9.592E-03			-5.480E-01	-2.924E-
		345.0	116	6.62	-1.769E-02	-9.157E-03			-5.390E-01	-2161-2-
	•	345.1	311	6.63	-1.716E-02	-8.712E-03	100		-5.229E-01	-2.655E-
	0.	345.1	8	9.9	-1.661E-02	-8.3296-03	582E		-5.063E-01	-2.539E-
4.600		344.9	116	6.63	-1.702E-02	-7.986E-03	100		-5.187E-01	-2.434E-
		345.0	16	6.64	-1.677E-02	-7.704E-03	387E		-5.113E-01	-2.348E-
		344.9	116	6.63	-1.685E-02	-8.2546-03			-5-137E-01	-2.516E-
		345.0	16	6.62	-1.725E-02	-8.081E-03		2.017E 02	-5.258E-01	-2.463E-01
	•	345.0	16	49.9	-1.686E-02	-7.835E-03			-5.138E-01	-2.388E-01
5.100 0		345.0	116	6.63	-1.670E-02	-8.840E-03	588E	-37	-5.089E-01	-2.694E-01
	•	345.1	16	6.63	-1.714E-02	-9.091E-03	584E		-5.225E-01	-2.771E-
	•	345.0		6.62	-1.703E-02	-9.085E-03			-5.191E-01	-2.769E-
		345.0	16	6.62	-1.694E-02	-6.915E-03			-5.165E-01	-2.717E-
2.500 0	•	344.9		6.62	-1.718E-02	-8.4186-03	4.592E 02	2.018E 02	-5.237E-01	-2.566E-01
	0.	344.9	126	0.00	-1.722E-02	-9.003E-03		27	-5.249E-01	-2.744E-
		345.0	126	19.9	-1-680E-02	-9.491E-03	592E	2.015E 02	-5.120E-01	-2.893E-
	•	345.0		19.9	-1.710E-02	-8.925E-03	5	200	-5.212E-01	-2.720E-
2.900		345.0	12E	6.62	-1.673E-02	-8.5196-03	174		-5.099E-01	-2.597E-
	•	345.0	116	6.63	-1.659E-02	-8.627E-03			-5.057E-01	-2.629E-
	•	345.1	1.010E 00	6.63	-1.649E-02	-8.205E-03	4.581E 02	2.022E 02	-5.025E-01	-2.501E
		345.0	116	6.63	-1.636E-02	-7.596E-03			-4.986E-01	-2.315E-
	•	345.1	116	9.0	-1.642E-02	-8.162E-03	-		-5.006E-01	-2.488E-
	0	345.1	11	\$	-1.687E-02	-7.960E-03			-5.142E-01	-2.426E-
6.500	•	345.0	1	3:	-1.688E-02	-8.081E-03	587E	2.025E 02	-5.145E-01	-2.463E-
	•	345.1	30	6.63	-1.684E-02	-7.217E-03	583E		-5.133E-01	-2.200E-
		345.0	=	6.63	-1.64ZE-02	-7.639E-03		3.3	-5.004E-01	-2.328E-
	•	345.0	126	6.63	-1.663E-U2	-8.382E-03			-5.070E-01	-2.555E-
	•	345.0	311	6.63	-1.679E-02	-7.420E-03		2.022E 02	-5.117E-01	-2.262E-
		344.9	126	6.63	-1.676E-02	-8.329E-03	589E		-5.109E-01	-2.539E-
	0	344.9	175	6.62	-1.7316-02	-9.013E-03	589E	57:0	-5.275E-01	-2.747E-
	•	344.9	126	6.62	-1.726E-02	-9.726E-03	·	2.017E 02	-5.261E-01	-2.965E-
	•	345.0	126	6.62	-1.749E-02	-8.669E-03			-5.332E-01	-2.642E-
		345.0	1 2E	9.62	-1.718E-02	-9.000E-03		2.018E 02	-5.236E-01	-2. 743E-
		345.0	106	6.63	-1.710E-02	-8.699E-03			-5.212E-01	-3169.2-
		345.0	116	6.63	-1.624E-02	-7.789E-03	4.587E U2	2.021E 02	-4.950E-01	-2.374E-
7.700 0	0	345.1	30	9.9	-1.670E-02	-8.012E-03		2.024E 02	-5.089E-01	-2.442E-
	•	345.1	116	6.63	-1.651E-02	-9.026E-03	4.584E UZ	2.021E 02	-5-032F-01	-2.751E-

EXPERIMENTAL DATA

COR	RUN	0.50	TENSICA		LENGTH	VELOCITY	ACCEL .	TENSION	LENGTH	TH VELOCITY	ACCEL.
SEC	TIME	ANGLE	1.85		1	FIVSEC	FT/SEC/SEC	GRAM		CM/SEC	CM/SFC/SFC
8.000	0.0	345.1	1.0116	00	9.04	: .		585E	2.023E 02	-5.051E	-2.351E-01
200		343.0	1-0106	38	0.0	٠.	7 716 03	4.5835 02	-	•	10-37/C-2-
007.5	0.0	343.0	1.0116	3			50-341/-/-	3696	-		10-3166-7-
200		345.1	1.0116	38	***	1.047	-8.002E-03	2000	-	י	0-3664-7-
200		343.0	1.0116	38	60.00	:.	٠,	2000	-	•	10-3004-7-
2000	0.0	345.0	1.0116	3	• • •	:		4.587E UZ	7	•	-2.033E-U
009	0.0	345.0	1.012E	8	6.63		-7.878E-03	4.589E 04		-5.0336-	-2.40 JE-0
8.700	0.0	345.0	1.0116	00	6.63	-	-8.401E-03			-5-	-2.561E-0
. 800	0.0	345.0	1.012E	8	19.9	-1.632E-02	-8.745E-03	4.591E 02		i	-2.665E-01
8.900	0.0	345.0	1.0116	8	6.62	-1.667E-02	-8.6736-03	175	-	-5-	-2.643E-01
000	0.0	345.1	1.010E	00	6.63	-1.673E-02	-8.692E-03	4.583E U2		-5.	-2.649E-01
001	0.0	345.2	1.010E	8	49.9	-1.616E-02	-8.463E-03	4.579E 02		-4.926E-01	-2.580E-0
9.200	0.0	345.2	1.010E	8	9.04	-1.622E-02	-8.022E-03	4.581E 04		+	-2.445E-0
.300	0.0	345.2	1.010€	8	9.94	-1.598E-02	-7.642E-03	4.580E J2	_	+	-2.329E-01
004-	0.0	345.1	1.0106	00	49-9	-1.529E-02	-7.691E-03	4.581E 02	-	+	-2.344E-01
.500	0.0	345.1	1.010E	8	6.65	-1.556E-02	-7.017E-03		-	*	-2.139E-01
009-	0.0	345.1	1.011	00	99.9	-1.502E-02	-7.714E-03	4.586E UZ		-4.577E-01	-2.351E-0
.700	0.0	345.1	1.010E	00	\$.0	-1.566E-02	-7.976E-03	4.580E JZ	1150	•	-2.431E-01
.800	0.0	345.1	1.011E	00	6.65	-1.620E-02	-8-130E-03	4.585E U2		7	-2.478E-0
.900	0.0	345.1	1.009E	00	6.65	-1.564E-02	-7.570E-03	4.578E 02	2.028E 02	7	-2.307E-0
- 000	0.0	345.1	1.010E	8	9.94	-1.594E-02	-8.097E-03	582E	-	•	-2.468E-01
100	0.0	345.0	1.012E	00	6.63	-1.537E-02	-7.397E-03	4.589E U2	022E	1	-2.255E-0
1.200	0.0	344.9	1.012E	8	40.0	-1.591E-02	-7.924E-03	17		•	-2.415E-01
7300	0.0	345.0	1.012E	8	9.94	-1.569E-02	-8.061E-03	4.590E UZ		1	-2.457E-0
.400	0.0	345.0	1.011	8	6.63	-1.593E-02	-8.581E-03	4.585E U2	2.020E 02	1	-2.616E-01
. 500	0.0	345.1	1.012E	8	6.63	-1.587E-02	-9.144E-03	4.590E UZ	7	1	-2.787E-0
009	0.0	345.0	1.012E	8	6.62		-8.558E-03	4.590E 02		1	-2.609E-0
2.000	0.0	345.1	1.010E	00	49.9	-1.511E-02	-7.806E-03	4.583E UZ	2.023E 02	+	-2.379E-01
. 800	0.0	345.1	1.011E	00	49.9	-1.472E-02	-8.542E-03	4.586E UZ	_		-2.604E-0
.900	0.0	345.2	1.010E	00	6.65	-1.447E-02	-8.418E-03		2.027E 02	-4.411E-01	-2. S66E-0
000	0.0	345.2	1.010E	8	99.9	-1.425E-02	-7.573E-03	-	-	•	-2.308E-01
. 100	0.0	345.2	1.008E	8	99.9	-1.485E-02	-7.400E-03	-	-	•	-2.256E-0
.200	0.0	345.2	1.010E	8	6.65	-1.514E-02	-6.929E-03	177		÷	-2.112E-01
.300	0.0	345.1	1.010€	8	9.9	-1.4936-02	-6.530E-03		-	Ť	-1.990E-0
. 400	0.0	345.1	1.010E	8	6.65	-1.459E-02	-6.913E-03	8	2.026E 02	*	-2.107E-0
. 500	0.0	345.2	1.010€	00	99.9	-1.460E-02	-8.041E-03	4.580E UZ	_	-4.449E	-2.451F-0
009	0.0	345.0	1.0116	8	6.65	-1.516E-02	-7.960E-03	70		-4.621E-01	-2.426E-01
. 100	0.0	345.1	1.010E	00	***	-1.527E-02	-7.924E-03	-	2.025E 02	-4.655E-01	-2.415E-01
. 800	0.0	345.1	1.010E	00	6.65	-1.577E-02	-8.525E-03	4.579E 02		-805E-	-2.599E-01
006-	0.0	345.0	1.011E	00	49.9	-1.5596-02	-7.953E-03		2.024E 02	-4. 752E-01	-2.424E-01
000	0.0	345.0	1.0116	8	6.63	-1.5766-02	-8.198E-03	4.584E UZ			-2.499E-01
.100	0.0	345.1	1.0116	8	6.63	-1.533E-02	-8,1136-03	4.584E u2	_	-4.673E-	-2.473E-01
15.200	0.0	345.1	1.0106	8	6.63	-1.5396-02	-7.861E-03		2.022E 02	4	-2.396E-01
.300	0.0	345.2	1.009E	00	6.65	-1.523E-02	-7.891E-03	4.578E 02	.026E	+	-2.405E-01
004.	0.0	345.2	1.009E	8	6.65	-1-515F-02	-8.123E-03	4.575E UZ	2.028E 02	-4-618E-01	-2-476F-01
1					۲	-	,				

EXPERIMENTAL DATA

RCDR	RUN	uscr.	TENSICH	LENGTH VELOCI	VEL OCITY	ACCEL .	TENSION	LENGTH VELO	VELOCI TY	ACCEL.
TIME	TINE	ANGLE								
SEC	SEC	930	1.85	F	FT/SEC	F1/SEC/SEC	GRAM	5	CN/SEC	CH/SEC/SEC
2.600	0.0	345.2	1.010E 00	99.9	-1.491E-02	-7.273E-03	4.579E 02	2.029E 02	-4-5436-01	-2.217E-0
2- 700	0.0	345.1	1.009E 30	6.65	-1.499E-02	-6.981E-03	4.576E UZ	2.028E 02		-2.128E-01
2.800	0.0	345.2	36	99.9	-1.488E-02	-7.760E-03	4.578E UZ		-4.535E-01	-2.365E-0
12.900	0.0	345.2	1.011E 00	99.9	-1.535E-02	-7.750E-03	4.585E 02		-4.678E-01	-2.362E-01
3.000	0.0	345.1	36	99.9	-1.541E-02	-7.649E-03	4.579E 02	2.031E 02	-4.696E-01	-2.331E-01
3.100	0.0	345.1	36	6.65	-1.536E-02	-6.772E-03	576E		-4-681E-01	-2.064E-0
3.200	0.0	345.1	90	6.65	-1.540E-02	-7.390E-03			-4.695E-01	-2.253E-
3.300	0.0	345.1	8	6.65	-1.596E-02	-7.982E-03	583E	. 15	-4.864E-01	-2.433E-01
3.400	0.0	345.1	31	99.9	-1.636E-02	-7.570E-03			-4.987E-01	-2.307E-0
13.500	0.0	345.0	1.010E 00	99-9	-1.575E-02	-7.767E-03			-4- 799E-01	-2.367E-01
3.600	0.0	345.1	TE TE	9.0	-1.589E-02	-8.712E-03	- 19		-4.842E-01	-2.655E-01
3.700	0.0	345.1	1.011E 00	6.64		-9.144E-03			-4- 793E-01	-2.787E-01
13-800	0.0	345.1	1.010E 00	6.63	-1.516E-02	-7.917E-03			-4-621E-01	-2-413E-
3.900	0.0	345.2	w	6.64	-1.466E-02	-7.609E-03	4.582E JZ		-4-468E-01	-2.319E-01
000-	0.0	345.2	W	6.65	-1.522E-02	-7.472E-03	4.581E 02		-4.638E-01	-2.277E-0
4.100	0.0	345.2	w	6.65	-1.460E-02	-7.423E-03	4.579E UZ		-4-451E-01	-2.263E-0
4.200	0.0	345.2	w	6.65	-1.497E-02	-7.462E-03	4.580E 02		-4.561E-01	-2.274E-0
1.300	0.0	345.2	¥	6.67	-1.544E-02	-7.534E-03	4.579£ UZ		-4.707E-01	-2.296E-0
4.400	0.0	345.2	1,009€ 00	99.9	-1.545E-02	-7.701E-03	576E		-4. 708E-01	-2.347E-
1.500	0.0	345.2	w	99.9	-1.518E-02	-6.811E-03	4.583E 02		-4.628E-01	-2.076E-
009-	0.0	345.1	F	99.9	-1.434E-03	3.1036-01	4.571E UZ		-4.369E-02	9.459E
4.700	0.100	344.8	9.942E-01	99.9	7.981E-02	1.107E 00	4.510E JZ	2.036E 02	2.433E 00	3.376E
800	0.200	344.6	1	6.70	2.052E-01	1.375E 00	4.438E 02	2.044E 02	6.253E 00	4.192E
4.900	0.300	344.5	F	6.74	3.3196-01	1.295E 00	4.361E UZ	3	1.012E 01	34.0E
2.000	0.400	344.5	E-	9.90	4.460E-01	1.1446 00	4.301E u2			3.486E 01
2.100	0.500	344.3	9.31 7E-01	9.99	5.4746-01	1.048E 00	4.226E UZ	-		3.195£ 01
2.200	009-0	344.1	1	6.93	6.441E-01	1.008E 00	4.167E UL	6	1.963E 01	3.071E 01
2.300	0.100	344.0	-	10.7	7.398E-01	1-0166 00	4.128E 02		2.255E 01	3.095E 01
2.400	0.800	344.0	9.0416-01	7.11	8.3536-01	1.00% 00	4.101E v2	-	2.546E 01	3.062E 01
2.500	0.400	344.1	-	7.22	9.306E-01		4.086E U2			3.078E
2.600	1.000	344.0	8-9976-01	7.34	1.027E 00	1.013€ 00	4.081E UZ		3.129€ 01	3.088E
2. 700	1.100	344.0	36-	7.45			4.077E JZ			3.088E 01
2.800	1.200	344.0	-	7.58			4.073E 02	30		3.083F 01
2.900	1.300	343.9	8-9896-01	7.12				1	3.993E 01	3.080E 01
0000-9	1.400	343.8	- 9	7.86			4.071E 02	7	4.265E 01	3.0716
9.100	1.500	343.7	26-	8.03	70	1.006E 00	4.067E UZ		4.554E 01	3.066E
9.500	1.600	343.8	-36	8.20		10-3626-6	4.068€ 32		4.841E 01	3.041E 01
6.300	1.700	343.7	-	8.37		9.969E-01	4.068E UZ	2.551E 02	5.128E 01	76-
9.400	1.800	343.7	-32	8.54	7	8-508E-01	4.079E JZ		5.396E 01	₩.
9- 500	1.900	343.6	36	8.73		6.380E-01	4.069E UZ	30	5.601E 01	
009-9	2.000	343.6	-32	8.93		5.050E-01	4.060E UZ		5.760E 01	70
6-100	2.100	343.5	-36	9.15	1.934E 00	4.522E-01	4.046E UZ	3	5.896E 01	1.378E 01
6. 800	2.200	343.5	8	9.31		3.7636-01	4.037E U2		6.017E 01	
16.900	2.300	343.6	8.892E-01	6.49	2.000E 00	10-3186-1	4.033E 02	2.894E 02	6.097E 01	6.03%E 00
1.000	2.400	343.8	8.8736-01	69.6	2.010E 00	5-968E-02	4.025E 02	2.953E 02	6-127E 01	1-619F 00
-						-		-		

EXPERIMENTAL DATA

				ENGLI	STIN S			HETRIC	UNITS	***************************************
KCOR	RUN	OSCL.	TENSION	LENGTH	LENGTH VELOCITY	ACCEL .	TENSION	LENGTH	VELOCITY	ACCEL.
-	341	ANGLE		:						
356	356	930	9	:	11/3et	r 1/3et/3et	CKAM	5	CAVSEL	CAVSELVSE
17.200	2.600	343.6	8.9126-01	10.08	2.012E 00	-2.517t-02	4.043E UZ	3.073E 02	6.131E 01	-7.671E-0
7.300	2.700	343.9	8.936E-01	10.30		-1.896E-02	4.053£ JZ	3.139E 02		-5.778E-01
1.400	2.800	343.9	8.941E-01	10.48		-1.252E-02		3.195E 02	126E	-3.817E-01
1.500	2.900	344.0	8.969E-01	10.69		-1.904E-03	75	3.257E 02		-5.803E-02
2.600	3.000	344.0	8.995E-01	10-88		-1.472E-04		3.316E 02	6.126E 01	-4.487E-0
1.700	3.100	343.9	9.043E-01	11.08		:		4	126E	-4.946E-0
008-	3.200	343.9	9.062E-01	11.27	2.010E 00	-3.576E-03	4.110E 02	3.436E 02	6. 127E 01	-1.090E-0
. 900	3.300	343.9	9.054E-01	11.47		-6.988E-03		3.496E 02	127E	-2.130E-0
000	3.400	343.9	9.09 IE-01	11.67	Ξ.	-6.049E-03		3.557E 02	124E	-1.844E-0
1.100	3.500	343.9	10-3160.6	11.85	3600°	-2.388E-03	4.124E U2	3.613£ 02		-7.279E-0
1.200	3-600	343.8	9.058E-01	12.04	357	-9.814E-06	4.109E J2	3.671E 02	6.125E 01	-2.991E-0
1.300	3.700	343.8	9.066E-01	12.23	-010E	-3.834E-03	4.112E 32	3.728E 02	125E	-1.169E-0
004-	3.800	343.8	9.076E-01	15.41	8	-1.092E-02	4.117E 02	_	125E	-3.327E-01
1.500	3.900	343.8	9.067E-01	12.60	₹000°	-7.708E-03	4.113E u2		124E	-2.349E-0
009-	4.000	343.9	9.099E-01	15.81		-7.191E-03	4.127E 02		6.124E 01	-2.192E-0
1.700	4.100	344.0	9.115E-01	13.01		-3.429E-03	4.134E 02	3.964E 02	70	-1.045E-01
008-	4.200	343.9	9.135E-01	13.22		-1.417E-03	-	4.028E 02	126E	-4.316E-0
006-1	4.300	343.9	9.126E-01	13.41		-4.295E-03		4.087E 02	128E	-1.309E-0
000	4.400	343.9	9.083E-01	13.59		-2.885E-03		4.141E 02	128E	-8.795E-02
. 100	4.500	344.0	9.075E-01	13.79	2.010E 00	-4.691E-03	4.116E 02			-1.430E-0
-200	4.600	343.9	9.083E-01	13.98	=	-1.279E-03		4.261E 02		-3.899E-0
19.300	4-100	343.9	9.039E-01	14-17	2.010E 00	-2.706E-03	6		6.126E 01	-8.246E-02
.400	4.800	343.8	9.023E-01	14.36		-9.026E-03	4.093E JZ	4.376E 02		-2.751E-0
. 500	4.900	343.9	9.023E-01	14.56		-7.956E-03	093E	_	126E	-2.425E-0
009-	2.000	343.9	8.986E-01	14.72	2.010E 00	-7.691E-03	4.076E U2	4.486E 02	126E	-2.344E-0
. 700	2.100	343.8	8.957E-01	8.41	2.009E 00	-3.275E-03	7		1246	-9.981E-0
. 800	2.200	343.8	8.952E-01	15.09		-2.234E-03		4-600E 02		-6.811E-0
006-	2.300	343.8	8.96 IE-01	12.27	1	-5.1465-03	4.065E UZ	4.655E 02	1256	-1.569E-0
0000	2.400	343.8	8.989E-01	15.46	2.009E 00	-5.9446-03	7	4.713E 02	1246	-1.812E-01
001-	2.500	343.1	8.981E-01	15.04	2010-	-5.05[E-03			125E	-1.540E-0
20-200	2.600	343.8	8-9295-01	15.84	1.4	-3.690E-03	-		154	-1.125E-0
2000	2000	343.9	8.950E-01	5.0	2 6	-3.458E-03	T.	4.888E 02	120E	-1.054E-01
200	2000	343.4	10-3476-0	10.63	00 3010-7	-1.13/E-03	4.048E 02		-	-2-304E-01
200	2000	343.4	10-3100.0	10.45	2010-2	-0-2/16-03	-		3071	0-3610-7-
000	2000	243.0	10-37,000	10.01	1 12	-3160-0-	4. USDE 02	3.063E 02	3071	-20405-
200	001-0	242.0	10-2000-0	20.01	20105	-0-3670°-	20 36 10.4		3671	-4. rs.e-0
000	007-0	243.4	10-30-0			7.335-04 0.035-04	4.01ce uz		3071	2.9126-0
000	0000	242.9	10-30,000	3:	20105	-3-010-6-		20 3147°C		-7.1%E-02
200	000	343.0	10-2000-0	11.30		50-3417-6-	7		2071	-1.4376-0
001-1	0000	243.4	10-26-00-0	16.71		-1.0495-03	4.021E 02	5.35 TE 02	3/71	-4. 330E-01
1.200	0000	343.4	10-32 9 9 9 P	200	2.010e 00	:	7.0		10 3671.9	-1.8296-0
•	9.700	343.7	8.938E-01	17.90			4.054E 32		127E	-1.2156-0
•	6.800	343.7	8.9466-01	18.15	-		4.058E JZ		126E	-1.770E-0
•	9.900	343.7	8.96%-01	18.34	2.009E 00	-7.717E-03	4.068E UZ	5.589E 02	7	-2.352E-01
21.600	1.000	343.1	8.990E-01	16.52	2.009E 00	-8.352E-03	4.078E UZ	12E	6-123E 01	-2.546E-0
								10000		

EXPERIMENTAL DATA

RCDR	NO.	OSCL	TENSION	LENGTH	VEL OC 17Y	ACCEL.	TENSION	LENGTH	VELOCITY	ACCEL.
SEC	SEC	ANGLE DEG	1.85	14	FT/SEC	FT/SEC/SEC	GKAM	5	CM/SEC	CM/SEC/SEC
900	7.200	343.8	9.9775-01	18.00	2.0105.00	-1 799F-03	4 072- 112	-	1256	-1 0506-0
2000	2000	343			2010	-1 0376-03	•	20 2001 00	10 2761 7	
200	207.2	343 0		17.01	20105	-4 1976-03	70 3410.4	200	376	20.302-02
000.2	200	243.0	,	19.36		50-3181-1-	3000		202	7017.1
5.100	0000	347.0	-	06.61	170	-9-1/0E-03	** 089E 05		3871	-2° (4) E-01
5.200	1.600	343.9	9.008E-01	19.70		-1.871E-03	-		6.127E 01	-2.399E-01
22.300	1.700	343.9	9.014E-01	19.88		-5.771E-03		-		-1.759E-01
2.400	7.800	343.9	9.000E-01	50.09	-	-4.223E-03	4.082E U2	6.124E 02	6.125E 01	-1.287E-01
2.500	7.900	343.8	9.018E-01	20.29	2.009E 00	-3.949£-03	4.091E 02		6.123E 01	-1.204E-01
2.600	8.000	343.9	9.020E-01	20.47	2.009E 00	-5.902E-03		6.239E 02	-	-1.799E-01
2.700	8.100	343.8	9.004E-01	20.67	70	-3.281E-03	4.084E uz	10		-1.000E-01
2-800	8.200	343.8	9-000E-01	20.85		-2.035E-03	4.082E JZ			-6.202E-02
2.900	8.300	343.7	8.981E-01	21.04	2-010F 00	-3-069E-03	4-074E U2		6.125E 01	-9.353E-02
3.000	8.400	343.7	9-019E-01	21.25		-7-1976-04	4.091E 02	0		-2.196F-02
3-100	8.500	343.7		21.44		-9.065F-03	4.099E uz		123E	-2.763F-01
3.200	8.600	343.7	9-018F-01	21.61		-8.398E-03	4.091E 32	6.586E 02	- 57	-2.560F-01
3.300	8.700	343.7		21.80		-6.342F-03	4.067F 02	100	9	-1.628F-01
3.400	8.800	343.7	8.924F-01	22.00		-6.722F-03	4.048F U.	6-707F 02	6-123F 01	-1.766F-01
3.500	8.000	343.8	8.0406-01	22.10	2.0096 00	-4.3655-03			4.124F 01	-1.224E-01
3.400	000	343.0	8 976E-01	22.40		-7.5606-03	A. 0715 02		1266	-2 3046-01
2002	000	343	9 6	22 60	2000	7 0175-03	4 1016 32		1376	130E-01
200	200	343.0	2 4	22 27		4 9036-03				-201396-
2000	007.	343.0	2	20.00		2 2255 03	70 216000	20 324.0		10-3404-1-
23.900	9.300	545.8	9-030E-01	16.77	2.009E 00	-3-2355-03	•	- 4	10 3471-0	-9.86 ZE-0Z
0000	000	39301	י שלי	71.67		4.23%E-US				10-386-01
001-	9.500	343.7	-	23.35		-0-40BE-03	4.100 02			-1.971E-01
007-	0000	343.1	֓֞֝֝֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֡֓֓֓֡֓֓֡֓֓֡֓֓֓֡֓	23.33		-0-880E-03	4-105E 02			09 re-
4.300	9.700	343.7		23.73		-6.507E-03	4.097E 32	7.233E 02		-1.983E-01
4.400	008-6	343.7	8	23.92		-6.016E-03	7		23E	-1.834E-01
4- 500	9.900	343.6	76-	24.11	2.009E 00	-6.262E-03		7	6.123E 01	-1.909E-01
4.600	10.900	343.6	-30	24.30	-	-8.185E-03	-	7.408E 02	6.121E 01	-2.495E-0
4-700	10.100	343.6	2E-	54.49		-5.179E-03	-		6.121E 01	-1.578E-01
4.800	10-200	343.6	7	24.66	2.008E 00	-3.379E-03	4.099E 02	-	6.121E 01	-1.030E-01
4.900	10.300	343.6	36	24.83		-1.911E-03	DOE		6.122E 01	-5.823E-02
2.000	10.400	343.7	9.042E-01	55.06	2.009E 00	-1.593E-03	4.102E UZ		6.122E 01	-4.856E-02
25.100	10.500	343.7		25.25	-	-6.903E-03	4.114E 02		6.126E 01	-2.104E-01
5.200	10.600	343.7	9.067E-01	25.45	2.010E 00	-7.479E-03	4.113E uz		6.125£ 01	-2.279E-01
25.300	10.700	343.1		25.65	2.010E 00	-8-669E-03	4.091E UZ		6.125E 01	-2.642E-01
25.400	10.800	343.8	8.983E-01	25.84	2.009E 00	-5.902E-03	4.075E U2	100	6.125E 01	-1.799E-DI
5.500	10.900	343.7	8.966E-01	26.04	2.009E 00	-4.223E-03	4.067E 02	200	6.124E 01	-1.287E-01
25.600	11.000	343.8	8.931E-01	26.25	1	-4.845E-03	4.051E 02	8.001E 02	6.123E 01	-1.477E-01
5.700	11.100	343.7	8.950E-01	26.44	2.009E 00	-5.601E-03	4.060E 02		6.122E 01	-1.707E-01
5.800	11.200	343.7	8.958E-01	26.63	2.009E 00	-4.538E-03	4.063E UZ	8.117E 02	6.1226 01	-1.383E-01
25.900	11.300	343.7	8.939E-01	26.83	2.009E 00	-2.545E-03	4.055E UZ	100	.1226	-7.758E-02
0000-9	11.400	343.7	8-9585-01	27.01		-1.701E-03	4.063E 02	8.232E 02	1226	-5.185E-02
9-100	11.500	343.6	8-942E-01	27.21		-1.564E-03	4.056E JZ	.293E	.1236	-4.766E-02
26.200	11.600	343.7	8.9446-01	27.40		-4-259E-03	4.057F UZ	8.351F 02		-1 200E-01
										102 7 1

EXPERIMENTAL DATA

TIME TIME A SEC	ANGE DOSCL DOSCL DOSCL DOSCL DOSCL DOSC DO	LBS LBS 8.975E-01 8.981E-01 9.004E-01	LENGTH FT	GTH VELOCITY T FT/SEC	ACCEL. FT/SEC/SEC	TENSTON	LENGTH	VELOCITY CM/SEC	ACCEL. CM/SEC/SEC
SEC. 11.800 11.900 12.000 12.100 12.500 12.500		88 - 5E -	77.75	FT/SEC	FT/SEC/SEC	GRAM	5	CN/SEC	CH/SEC/SEC
11.900 12.000 12.100 12.300 12.400 12.500		7 - 4	27.75						
11.900 12.000 12.300 12.400 12.500		194	71.17			4.071E JZ	8.459E 02	6.120E 01	-2.3556-01
12.000 12.100 12.200 12.300 12.400 12.500		PE-	27.96		-8.616E-02	4.074E J2	8.521E 02	6.115E 01	626E
12-100 12-200 12-300 12-400 12-600		OF.	28.16		-5.084E-01	4.084E UZ	8.582E 02	6.029£ 01	550E
12.200 12.300 12.400 12.600			28.35		-308		8.6426 02	5.812E 01	T
12.300 12.400 12.500		9.110E-01	28.54		-1.087E 00	4.132E 02		5.5176 01	3156
12.400		•	28.69		-1.131E 00	4.156E U2	8.746E 02	7	448E
12.500		9.187E-01	.28.84	1.599E 00	-1.104E 00	4.167E u2	8.791E 02	4.875€ 01	-3.365E OL
12.600		3.256E-01	29.00	1.498E 00	-1.074E 00	4.198E 02	8.8416 02	4.565£ 01	-3.272E 01
12.700		9.334E-01	29.15	1.398E 00	-1.060E 00	4.234E U2	8.884€ 02	4.260E 01	-3.232E 01
20.034		9.409E-01	29.27	1.303£ 00	-1.051E 00	4.268E 32	8.922E 02	3.973€ 01	-3.204E 01
12.800		-36	29.39	1.206E 00	-1.052E 00	4.308E 02	8.9586 02	3.675£ 01	-3.207£ 01
12.900		9.5466-01	29.50	1.108E 00	-1.048E 00	4.330E J2	8.990€ 02	3.3776 01	
13.000		*	29.56	1.009E 00	-1.049E 00	4.370E UZ	9.0116 02	3.076 01	-3.1976 01
13.100		76	29.65	9-101E-01	049E	4.403E JZ	-	2.774€ 01	-3.197£ 01
13.200		-36	29.72	8-1126-01	-1.056E 00	4.445E 02	9.060E 02	2.473€ 01	-3.219£ 01
13.300		36	29.17	7-126E-01	-1.047E 00	4.4976 32		2.1726 01	-3.190E OL
13.400		-36	29.82	6-143E-01	043E		_	1.8726 01	-3.179E 01
13.500		36	29.86	5-1706-01	-1.047E 00	4.577E 02	9,1026 02	1.576 01	-3.191E 01
13.600		1.018E 00	29.92	4.196E-01	-1.036E 00	4.617E 02	9.119€ 02	1.279€ 01	-3.157£ 01
13.700		8E	29.96	3.2356-01	-1.037E 00	4.661E UZ	9.132E 02	9.860E 00	-3.162E 01
13.800	-	9E	29.99	2.2796-01	-1.034E 00	4.708E U.2	9.141E 02	6.946E 00	-3.151E 01
13.900	-	1.049E 00	30.00	1.3076-01	-1.012E 00	4.758E 02	9.144E 02	3.9856 00	-3.084E 01
14.000	-	75	29.99	4.706E-02	-7.599E-01	4.793E 02	_	1.434€ 00	-2.316E 01
0.0	-	36	30.00	-5.564E-03	-3.447E-01	4.821E 02		-1.6966-01	-1.051E 01
0.0	-	8E	59.99	-2.287E-02	-7.425E-02	4.843E 02		-6.972E-01	7
0.0	-	36	29.99	-2.257E-02	3.584E-02	4.867E 02		-6.880E-01	70
0.0	-	75	29.98	-1.799E-02	4.344E-02			-5.4846-01	1.324E 00
0.0	-	36	29.98	-1.409E-02	2-325E-02	4.893E 04	37E (-4.2%E-01	7.086E-01
0.0	_	*	29.96	-1.3336-02	2.993E-03	4.896E 32	9.133E 02	-4.063E-01	9.124E-02
0.0	-	36	29.96	-1.267E-02	-9.141E-03	4.8%E U2		-3.862E-01	-2.786E-01
0.0	344.7	1.078E 00	29.96	-1-321E-02	-1.096E-02	4.890E UZ		-4.027E-01	-3.341E-01
0.0	-	*	29.95	-1.320E-02	-9.903E-03	-		-4.024E-01	-3.018E-01
0.0	-	*	29.94	-1-299E-02	-8.012E-03	277		-3.959E-01	-2.442E-01
0.0	-	90	29.94	-1.398E-02	-8.378E-03	4.852E UZ		-4.262E-01	-2.5546-01
0.0	-	SE	29.94	-1.383E-02	-7.256E-03	4.832E 02	ā	-4.216E-01	-2.212E-01
0.0	-	8	29.95	-1.380E-02	-7.115E-03	4.807E 02		-4.206E-01	-2.169E-01
0.0		46	29.96	-1.350E-02	-7.502E-03	4.779E 02	9.131E 02	-4-114E-01	-2.286E-01
0.0	-	8E	29.97	-1.289E-02	-7.318E-03	4.753E UZ		-3.930E-01	-2.231E-01
0.0	-	30	29.97	-1.312E-02	-6.818E-03	4.716E 02	9.134E 02	-3.99E-01	-2.078E-01
		36	29.96	-1.2 79E-02	-7-168E-03		177	-3.900E-01	-2.185E-01
0.0		76	29.97	-1.384E-02	-6.648E-03	4.658E 02		-4.219E-01	-2.026E-01
0.0	-	F	29.97	-1.331E-02	-6.991E-03	4.632E 02		-4.056E-01	-2.1316-01
	344.9	*	29.96	-1.385E-02	-6.900E-03	4.609E UZ	9.130E 02	-4.222E-01	-2.103E-01
0.0		30	29.98	-1.243E-02	-6.844E-03	4.579E 02	9.137E 02	-3. 789E-01	-2.086E-01
0.0	-	*	29.97	-1.285E-02	-6.736E-03	4.561E 02	9.134E 02	-3.916E-01	-2.053E-01
0.0		36	20.05	-1.398F-02	-6.962E-03	4-548F UZ		-4-261E-01	-2-122E-01

EXPERIMENTAL DATA

ACCEL.	CM/SEC/SEC	-2.119E-01	-2.228E-01	-2.270E-01	-2.188E-01	-2.201E-01	-2.247E-01	-2.183E-01	-1.961E-01	-2.032E-01	-2.076E-01
VELOCITY	CN/SEC	-3.9396-01	-3.9068-01	-3.959E-01	-4.047E-01	-3.869E-01	-4.014E-01	-3.685t-01	-3.956E-01	-3.888E-01	-3.907E-01
LENGTH	5	9.134E 02	9.130E 02	9.127E 02	9.122E 02	9.126E 02	9.128E 02	9.130E 02	9.131E 02	9.137E 02	9.1346 02
TENSION	GRAM	4.531E 04	4.520E 04	4.514E 04	4.504E 34	4.505E 02	4.501E UZ	4.503E U.Z	4.512E 02	4.519E 02	4.534E 02
ACCEL.	FT/SEC/SEC	-6.952E-03	-7.308E-03	-7.446E-03	-7.178E-03	-7.220E-03	-7.371E-03	-7.161E-03	-6.435E-03	-6.667E-03	-6.811E-03
LENGTH VELOCITY	FT/SEC	-1.292E-02	-1.281E-02	-1.299E-02	-1.328E-02	-1.269E-02	-1.317E-02	-1.209E-02	-1.298E-02	-1.275E-02	-1.282E-02
LENGTH	Ξ	29.97	29.95	29.95	29.93	29.94	56.62	29.95	29.96	29.98	29.97
TENSION	1.85	9.989E-01	9.966E-01	9.951E-01	9.930E-01	9.932E-01	9.924E-01	9.927E-01.	9.947E-01	9.962E-01	9.997E-01
OSCL.	ANGLE	344.7	344.7	344.8	344.8	344.8	344.9	344.9	344.9	345.0	344.9
RUN	SEC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RCDR	SEC	31.000	31.100	31.200	31.300	31.400	31.500	31.600	31.700	31.800	31.900

EXPERIMENTAL DATA

7ERS 92 46 600 5.250E-01 5.350E-01	ACCEL.	CM/SEC/SEC	-2.865E-01	-2.865E-01	-2.986E-01	-2.713E-01	-2.747E-01	-2.6396-01	-2.469E-01	-2.605E-01	-2.501E-01	-2.369E-01	-2.301E-01	-2.568E-01	-2.595E-01	-2.525E-01	-2-683E-01	-2.481E-01	-2.644E-01	-2.644E-01	-2.5055-01	-2.377E-01	-2.578E-01	-2.397E-01	-2.417E-01	-2.496E-01	-2.44BE-01	-2-439E-01	-2.431F-01	-2.565E-01
DATA PARAMETERS 10 = 92 NRC = 46 NCHN = 6000 KV = 5-25 KA = 5-35	VELOCITY	CN/SEC	-5.549E-01	-5.595E-01	-5.620E-01	-5.296E-01	-5.2136-01	-5.019E-01	-5.2536-01	-5.246E-01	-5.231E-01	-5.3306-01	-5.291E-01	-5.377E-01	-5.257E-01	-5.394E-01	-5.3546-01	-5.237E-01	-5.191E-01	-5.083E-01	10-3760-6-	-5.045E-01	-4.951E-01	-5.015E-01	-5.209E-01	-5.045E-01	-5.098E-01	-5.1156-01	-5.25F-01	-5.112E-01
0.0 0.0	LENGTH	5	1.122E 03	1.121E 03	1-121E 03		1.120E 03		1-121E 03		1.121E 03	1.120E 03		1.120E 03	-	1-120E 03				1.1206 03		1.121E 03	21E	1.121E 03	1.121E 03		1.121E 03	1-120F 03	1-121F 03	1.120E 03
7	TENSION	GRAM	4.639E 02	4.642E 02	4-639E 02	4.631E UZ	4.620E UZ	4.621E 02	4-619E 02		4.621E 02	4.618E 02				4.619E 02		1			70 3017 7	4.619E 02				4.6 LOE UZ	4.617E 32	4-622E 02	1000	4.623E JZ
OSCILLATOR PARAMETERS MODE AMPLITUDE, INCH FREQUENCY, HZ	ACCEL .	FT/SEC/SEC	-9.401E-03	-9.401E-03	-9.796E-03	-8.901E-03	-9.012E-03	-8.657E-03	-7.175E-03	-8.5456-03	-8.206E-03	-7.7725-03	-7.550E-03	-8.425E-03	-8.513E-03	-8.284E-03	-8-803E-03	-8.141E-03	-8.676E-03	-8-676E-03	-0-2612-0-	-7-798E-03	-8.457E-03	-7.863E-03	-7.928E-03	-8-190E-03	-8.033E-03	-8-003E-03	-7.977E-03	-8-4156-03
RUBBER REEL-IN 2.00 2.00 46.00 35.00	LENGTH VELOCITY	FT/SEC	-1.820E-02	-1.8365-02	-1-8446-02	-1.737E-02	-1.710E-02	-1.647E-02	-1.723E-02	-1.721E-02	-1.716E-02	-1.749E-02	-1-736E-02	-1.764E-02	-1.725E-02	-1.770E-02	-1.757E-02	-1.718E-02	-1.703E-02	-1.668E-02	20-362-07	-1.655E-02	-1.624E-02	-1.645E-02	-1-709E-02	-1.655E-02	-1.673E-02	-1-678E-02	-1.724F-02	-1-677E-02
:::::::	LENGTH	t	36.82	36.79	36.78	36.76	36.75	36.76	36.76	36.77	36.76	36.76	36-75	36.75	36.76	36.76	36.74	36.74	36.75	36.75	36 75	36.76	36.77	36.78	36.77	36.78	36.76	36.76	36.77	36.76
TERIAL N	TENSION	1.85	1.023€ 00	1.023€ 00		1.021E 00	018E	*	1-01 % 00		-	1.018E 00	9E	3610		1.0186 00	9610	020E	9610		1.0196	010	018E			01 BE	018E	1-0196 00	3610	1.019E 00
MINCH PARAME CABLE NA DORECTIO ACCELERA VELOCITY VELOCITY DECELERA RUN TIME INTIAL	OSCL.	DEG	344.9	364.7	344.8	344.7	344.4	344.3		344.3	344.4	344.4	344-4	344.3	344.2	344.3	344.4	344.2	344.3	344.4	344.5	346.4	344.4	344.4	344.3	344.4	344.5	344.3	344.4	344.2
2 0 00000	RUN	SEC	0.0	0.0		0.0	0.0	0.0	000	0.0	0.0	•		0.0	0.0		0.0	0.0	0.0	•		200	0.0	0.0	0.0	0.0	0.0		0.0	0.0
TEST NO.	ACOR	SEC	0.0	0.100	0.300	0.400	0.500	0.000	0-800	0.400	1.000	1.100	1-300	1.400	1.500	1.600	1.800	1.900	2.000	2.100	2.200	2.400	2.500	2.600	2.700	2. 800	2-900	3-100	3.200	3.300

EXPERIMENTAL DATA

RCDR	KON		LCHOICE	LENGIA	VEL ULITY		5 15 15	L CAROL II	VELMIII	ALLEL.
TIME	TIME	ANGLE						24.5		
SEC	SEC	930	1.85	1	FT/SEC	FT/SEC/SEC	GRAM	5	CM/SEC	CM/SEC/SEC
3.400	0.0	344.3			-1.678E-02	-8.810E-03	4.626E JZ	1.120E 03	-5.1156-01	-2.685E-01
3.500	0.0	344.4	1.020E 00	36.	-1.708E-02	-8.539E-03	4.627E JZ	1.120E 03	-5.206E-01	-2.603E-01
3.600	0.0	344.4		36.	-1.638E-02	-8.657E-03	4.624E 04	1.120£ 03	-4.9936-01	-2.639E-01
3.700	0.0	344.4	361		-1.632E-02	-7.488E-03	4.620E 02	1.121E 03	-4.975E-01	-2.282E-01
3.800	0.0	344.5	17E	36.	-1.686E-02	-7.543E-03	4.615E 02	1.121E 03	-5.1406-01	-2.299E-01
3.900	0.0	344.4	1 7E	36.	-1.632E-02	-7.223E-03	4.615E 02	1.121E 03	-4.973E-01	-2.202E-01
4.000	0.0	344.5		36.	-1.641E-02	-7.540E-03	4.616E UZ	1.121E 03	-5.003E-01	-2.298E-0
4.100	0.0	344.4	18€		-1.624E-02	-7.412E-03	4.617E 02	1.121E 03	10-3646-4-	-2.259E-0
4-200	0.0	344.5	18E	36.	-1.666E-02	-7.873E-03	4.616E U2	1.121E 03	-5.078E-01	-2.400E-01
4.300	0.0	344.4	1 BE		-1.603E-02	-7.599E-03	4.618E 02		-4.887E-01	-2.316E-0
4.400	0.0	344.3	186		-1.614E-02	-7.141E-03	4.618E UZ	1.121E 03	-4.921E-01	-2.177E-01
4.500	0.0	344.5	176		-1.635E-02	-7.857E-03	4.615E U2		-4.984E-01	-2.395E-01
4-600	0.0	344.4	186	36.78	-1.657E-02	-7.883E-03	4.619E 02		-5.051E-01	-2.403E-0
4.700	0.0	344.3	18E	36.	-1.576E-02	-7.497E-03	4.619E 02	17	-4.803E-01	-2.285E-01
4-800	0.0	344.3	186		-1.634E-02	-8.183E-03	4.618E U2	1.121E 03	-4. 980E-01	-2.4946-0
4.900	0.0	344.4	186		-1.590E-02	-8.395E-03	4.617E 02		-4.845E-01	-2.559E-0
2.000	0.0	344.3	361		-1.651E-02	-8.5366-03	4.623E UZ	1.120E 03	-5.032E-01	-2.602E-0
2.100	0.0	344.3	196		-1.6396-02	-8.513E-03	4.622E 32	1.120E 03	-4.997E-01	-2.595E-0
5.200	0.0	344.5	1.06	36.76	-1.616E-02	-8.653E-03	4.619E UZ	1-120E 03	-4.926E-01	-2.638E-01
2.300		344.5			i	-8-405E-03	4.617E 02	1.121E 03	-4.878E-01	-2.562E-01
2.400		344.5	17		:	-7.922E-03	4.614E 02	1.121E 03	-4.688E-01	-2.415E-0
2.500	0.0	344.5	17		-	-7.7525-03	4.614E UZ	1.121E 03	-4.694E-01	-2.363E-0
2.600	0.0	344.5	176		-	-8.0496-03	4.615E UZ	1.1216 03	-4.824E-01	-2.453E-0
2.700	0.0	344.4	*		:	-7.905E-03	_	1.121E 03	-4.947E-01	-2.410E-0
2.800	0.0	344.5	106		-1.569E-02	-7.648E-03		0	-4.781E-01	-2.331E-0
2.900		34.4	106		:	-7.621E-03	4.616E 02	1.121E 03	-4.870E-01	-2.323E-01
0000-9		344.4	18E		:	-8.046E-03	4.617E 02	1.121E 03	-4.690E-01	-2.452E-0
9-100	0.0	344.5	1 0E		-1.515E-02	-7.376E-03	4.617E U2		-4.619E-01	-2.24BE-0
6.200		344.4	1.018E 00		:	-7.638E-03	4.619E 02	1.121E 03	-4.807E-01	-2.328E-01
0.300		34.4	186	36.	-	-1-048E-03			-4.778E-01	-2.331E-0
004-9	0.0	344.4	186	36.	-	-7.687E-03	4.6 16E 02		-4.823E-01	-2.343E-0
005-9	0.0	344.4	186	36.	4	-8-030E-03	60.		-4.847E-01	-2.447E-0
009-9	0.0	344.4	186	36.	-1.543E-02	-8.392E-03	4.617E 02		-4. 702E-01	-2.558E-0
9-100	0.0	344.4		36.	:		4.617E 02	7	-4.841E-01	-2. 701E-0
9.800	0.0	344.6	017E		-1.512E-02	-7.971E-03	4.614E 02		-4.610E-01	-2.429E-0
006-9	0.0	344.5	1 BE	36.	-1.483E-02	-8.258E-03	4.617E 02		-4.520E-01	-2.517E-0
7.000	0.0	344.6	18	36.	-1.478E-02	-7.892E-03	4.6 16E 02		-4.505E-01	-2.406E-0
1.100	0.0	344.6	176	36.	-1.441E-02	-8.2456-03	4.612E 02	1-121E 03	192E-	-2.513E-0
7.200	0.0	344.5	166	36.	-1.490E-02	-7.576E-03	4.609E 42		-4.543E-01	-2.309E-0
7.300		344.5	186			-6.985E-03	4.6 16E 02		-4.621E-01	-2.129E-0
1.400	0.0	344.5	176	36.	-1.400E-02	-7-1486-03	4.615E U2	0	-4.266E-01	-2.179E-0
7.500		344.5	17E	36.	-1.497E-02	-7.298E-03	4.612E 02	1.121E 03	-4.563E-01	-2.224E-01
7.600		344.5	176	36.	-1.507E-02	-7.745E-03	4.614E 02	1.1226 03	-4.592E-01	-2.361E-0]
7.700	0.0	344.5	1 8E	36.79	-1.507E-02	-6.746E-03	4.616E UZ	1.121E 03	-4.593E-01	-2.056E-01
7.800	0.0	344.5	1.017E OC	36.	-1.458E-02	-8-180E-03	4.614E J2	1.121E 03	-4.445E-01	-2.493E-0
-										

EXPERIMENTAL DATA

COR	RUN	OSCL.	TENSION	LENGTH VELOCIT	VEL OC ITY	ACCEL .	TENSION	LENGTH	TH VELOCITY	ACCEL.
SEC	SEC	DEG	1.85	=	FT/SEC	FT/SEC/ SEC	GRAM	5	CH/SEC	CM/SEC/SEC
000	0.0	344.4	1.018E 00	36.78	-1.5296-02	-7.615E-03	4.619E 02	1.121E 03	-4.662E-01	-2.321E-01
100	0.0	344.4		36.78	-	-8.337E-02			-4.837E-01	-2.541E-01
.200	0.0	344.4		36.77	-1.5436-02	-7.997E-03	4.622E J2		-4.704E-01	-2.437E-01
300	0.0	344.4		36.77	-1.489E-02	-8.167E-03	100		-4.539E-01	-2.489E-01
400	0.0	344.5		36.78	-1.530E-02	-7.625E-03	4.616E J2		-4.664E-01	-2.324E-0
200	0.0	344.5	200	36.79	-1.547E-02	-7.687E-03	15		-4.716E-01	-2.343E-01
009	0.0	344.5	1	36.80	-1.510E-02	-7.683E-03	4.613E 02	1.122E 03	-4.601E-01	-2.342E-0
100	0.0	344.6		36.79	-1.424E-02	-7.533E-03		1.121E 03	-4.340E-01	-2.296E-01
900	0.0	344.5			-1.445E-02	-7.621E-03			-4.406E-01	-2.323E-0
900	0.0	344.6		36.81	-1.491E-02	-6.968E-03	4.615E 02	1.122E 03	-4.545E-01	-2.124E-01
000	0.0	344.6		36.81	-1.432E-02	-7.334E-03	4.615E 02		-4.366E-01	-2.235E-01
001	0.0	344.5		36.79	-1.486E-02	-6.847E-03	4.617E u2		-4.530E-01	-2.087E-0
200	0.0	344.5		36.81	-1.491E-02	-6.802E-03	4.615E 02		-4.545E-01	-2.073E-01
300	0.0	344.6	1	36.79	-1.457E-02	-6.635E-03	4.617E 02		-4.442E-01	-2.022E-0
400	0.0	344.6	350	36.80	-1.463E-02	-7.768E-03	4.613E 02		-4.461E-01	-2.368E-0
200	0.0	344.5	100	36.80	-1.518E-02	-7.696E-03	4.616E J2	15	-4.628E-01	-2.346E-0
009	0.0	344.5		36.79	-1.522E-02	-7.843E-03			-4.640E-01	-2.391E-01
100	0.0	344.4	100	36.78	-1.446E-02	-7.853E-03		13	-4-408E-01	-2.394E-0
900	0.0	344.5		36.77	-1.482E-02	-8.232E-03		- 13	-4.517E-01	-2.509E-01
900	0.0	344.5			-1.487E-02	-7.935E-03			-4.533E-01	-2-419E-0
000	0.0	344.5	No.	36.80		-8.085E-03	1	1	-4.452E-01	-2.464E-01
100	0.0	344.6		36.80	-1.456E-02	-7.602E-03		3	-4.439E-01	-2-317E-01
500	0.0	344.0			-1.459E-02	-7.4586-03	4.611E U2	-	10-38++·+	-2.273E-0
300	0.0	344.6	700	36.80	-1.462E-02	-7.4946-03		22E	-4.455E-01	-2.284E-01
00+	0.0	344.6	7	36-81	m	-7.416E-03		1.122E 03	-4.223E-01	-2.260E-0
200	0.0	344.5		36.81	-1.415E-02	-7.762E-03			-4.314E-01	366E-
009	0.0	344.6	77	36.80	-1.359E-02	-7.461E-03			-4.141E-01	274E-
. 100	0.0	344.6		36.81	-1-427E-02	-7.2496-03			-4.348E-01	210E-
900	0.0	344.6		36.82	-1.406E-02	-6.789E-03	4.612E 02	7	-4.286E-01	-2.069E-01
900	0.0	344.6		36.81	-1.461E-02	-7.468E-03	4.614E 02		-4.494E-01	-2.276E-01
000	0.0	344.7		36.81	-1.412E-02	-7.262E-03		1.122E 03	-4-302E-01	214E-
001	0.0	344.5		36.80	-1.504E-02	-8.026E-03			-4. 584E-01	-2.446E-01
.200	0.0	344.5		36.79	-1.442E-02	-7.540E-03			-4.395E-01	-2.298E-01
.300	0.0	344.4		36.78	-1.453E-02	-7.928E-03		136	-4.430E-01	-2.417E-01
400	0.0	344.5	120	36.78	-1.499E-02	-7.6126-03	- 3		-4.570E-01	-2.320E-01
. 500	0.0	344.5		36.78	-1.460E-02	-8.1346-03	4.623E 02		-4.450E-01	-2.479E-01
909	0.0	344.6		36.78	-1.364E-02	-1.9196-03	4.616E 02	1	-4-158E-01	-2.414E-01
. 700	0.0	344.7		36.80	-1.406E-02	-7.5306-03	4.616E JZ		-4.287E-01	-2.295E-0
11.800	0.0	344.6	1.017E 00	36-81	-1.3456-02	-6.896E-03	4.613E UZ		-4.098E-01	-2.102E-0
006.	0.0	344.6		36.80	-1.376E-02	-7.236E-03	4.611E 02	1.122E 03	-4. 194E-01	-2.206E-0
000	0.0	344.6		36.81	-1.379E-02	-6.906E-03	4.609E J2	-	-4.202E-01	-2.105E-0
100	0.0	344.5		36.81	-1.418E-02	-7.3416-03	4.614E uz	1-122E 03	-4.321E-01	-2.237E-0
.200	0.0	344.6		36.81	-1.357E-02	-6.3746-03	4.610E 02	1.122E 03	-4.137E-01	-1.943E-0
.300	0.0	344.5		36.81	-1.362E-02	-7.158E-03	4.615E 02		-4.150E-01	-2.182E-01
400	0.0	7 772		24 62	-1 4436-03	-7 0045-03	4 4 AGE 03	1 1936 03		-3 1406-0
				20.00	70-36-1-	CO-2000-7-	30 35000	20 30711	10-30AC-1-	-Z-100E-0

EXPERIMENTAL DATA

SEC. DEG. LDS FT FASEC FT/SEC/SEC GRAM CALVESTOR 0.00 344-7 LOJDE 00 36-81 L-199E-02 -7-048E-03 +6-61E 42 LILIZE 03 -7-250E-01 0.00 344-7 LOJDE 00 36-79 L-199E-02 -7-048E-03 +6-61E 42 LILIZE 03 -7-250E-01 0.00 344-7 LOJDE 00 36-79 L-199E-02 -7-048E-03 +6-61E 42 LILIZE 03 -7-370E-01 0.00 344-7 LOJDE 00 36-79 L-197E-02 -7-197E-03 +6-61E 03 -7-370E-03 0.00 344-7 LOJDE 00 1-197E-02 -7-197E-03 +6-61E 03 -7-10EE-03	RCOR	RUN	O SCL.	TENSION	LENGTH V	VEL OCITY	ACCEL.	TENSTON	LENGTH	VELOC1 TV	ACCEL.
1.00 1.00	SEC	SEC	DEG	597	11	FT/SEC	FT/SEC/SEC	GRAM	5	CM/SEC	CM/SEC/SEC
0.0 344.5 1.0166 0.0 36.34 -1.488E-02 -7.034E-03 -4.611E 0.1 -1.122E 0.3 -4.387E-01 0.0 0.0 344.5 1.016E 0.0 36.79 -1.427E-02 -7.034E-03 -4.611E 0.2 1.121E 0.3 -4.387E-01 0.0 0.0 344.5 1.016E 0.0 36.79 -1.427E-02 -7.034E 0.0 1.121E 0.3 -4.387E-01 0.0 0.0 0.0 -1.427E-02 -7.034E 0.0 1.121E 0.3 -4.387E-03 -4.611E 0.3	12.600	0.0	344.7	1.7E	36.81	-1.399E-02	-6.4106-03		1.122E 03	26 SE	-1.954E-0
0.0 344.4 1.018E 00 36.79 11.439E-02 7.7045E 02 1.121E 03 14.438E-01 0.00 34.44 1.018E 00 36.79 11.439E-02 7.7045E 03 4.618E 02 1.121E 03 14.448E-01 0.00 34.45 1.018E 00 36.79 11.437E-02 7.718E-03 4.618E 02 1.121E 03 14.448E-01 0.00 34.45 1.018E 00 36.70 11.437E-02 7.718E-03 4.618E 02 1.121E 03 14.448E-01 0.00 34.45 1.018E 00 36.81 11.437E-02 7.718E-03 4.618E 02 1.122E 03 14.048E-01 0.00 34.45 1.018E 00 36.81 11.336E-02 7.718E-03 4.618E 02 1.122E 03 14.018E-02 0.00 34.45 1.018E 00 36.81 11.336E-02 7.718E-03 4.618E 02 1.122E 03 14.018E-02 0.00 34.45 1.018E 00 36.81 11.336E-02 7.718E-03 4.618E 02 1.122E 03 14.018E-02 0.00 34.45 1.018E 00 36.81 11.338E-02 6.746E-03 4.618E 02 1.122E 03 14.018E-02 0.00 34.45 1.018E 00 36.81 11.338E-02 6.746E-03 4.618E 02 1.122E 03 14.026E-01 0.00 34.45 1.018E 00 36.81 11.338E-02 6.746E-03 4.618E 02 1.122E 03 14.026E-01 0.00 34.45 1.018E 00 36.82 1.138E-02 6.746E-03 4.618E 02 1.122E 03 14.026E-01 0.00 34.45 1.018E 00 36.82 1.138E-02 6.746E-03 4.618E 02 1.122E 03 14.026E-01 0.00 34.45 1.018E 00 36.82 1.138E-02 6.746E-03 4.618E 02 1.122E 03 14.026E-01 0.00 34.45 1.018E 00 36.82 1.1438E-02 7.4618E 02 1.122E 03 14.026E-01 0.00 34.45 1.018E 00 36.82 1.1438E-02 7.4618E 02 1.122E 03 14.026E-01 0.00 34.45 1.00 34.4	12. 700	0.0	344.5	16E	36.81	-1.483E-02	-7.034E-03	4.611E uz	1.122E 03	520E	-2.144E-(
0.0 344.5 1.018 00 36.79 114.278-02 -8.156-03 4.618 02 1.1218 03 -4.4518-01 0.0 0 34.5 1.018 00 36.79 114.278-02 -8.156-03 4.618 02 1.1218 03 -4.4518-01 0.0 0 34.5 1.018 00 36.78 1.1465-02 -7.555-03 4.618 02 1.1228 03 -4.4518-01 0.0 0 34.5 1.018 00 36.00 1.1418-02 -6.956-03 4.618 02 1.1228 03 -4.1028-03 1.4618-02 0.0 0 34.5 1.018 00 36.01 1.1328-02 -7.556-03 4.618 02 1.1228 03 -4.108-01 0.0 0 34.5 1.018 00 36.01 1.1328-02 -7.556-03 4.618 02 1.1228 03 -4.108-01 0.0 0 34.5 1.018 00 36.01 1.1328-02 -7.556-03 4.618 02 1.1228 03 -4.218-02 0.0 0 34.5 1.018 00 36.01 1.1328-02 -7.566-03 4.618 02 1.1228 03 -4.218-02 0.0 0 34.5 1.018 00 36.01 1.1328-02 -7.566-03 4.618 02 1.1228 03 -4.218-02 0.0 0 34.5 1.018 00 36.01 1.1328-02 -7.566-03 4.618 02 1.1228 03 -4.218-02 0.0 0 34.5 1.018 00 36.01 1.1318-02 -7.566-03 4.618 02 1.1228 03 -4.218-02 0.0 0 34.5 1.018 00 36.3 1.1318-02 -7.566-03 4.618 02 1.1228 03 -4.218-03 4.618 02 1.1228 03 -4.218-03 4.618 02 1.1228 03 -4.218-03 4.618 02 1.1228 03 -4.218-03 4.618 02 1.1228 03 -4.218-03 4.618 02 1.1228 03 -4.218-03 4.618 02 1.1228 03 -4.218-03 4.618 02 1.1228 03 -4.218-03 4.618 02 1.1228 03 -4.218-03 4.618 02 1.1228 03 -4.218-03 4.618 02 1.1228 03 -4.218-03 4.618 02 1.1228 03 -4.218-03 4.618 02 1.1228 03 -4.218-03 4.618 02 1.1228 03 -4.218-03 4.618-03 4.618-03 4.618-03 4.618-03 4.618-03 4.618-03 4.618-03 4.618-03	15.800	0.0	344.4	18E	36.79	-1.439E-02	-7.043E-03	4.617E U2	1.121E 03	-4.387E-01	-2.147E-(
0.0 344.5 1.0188 (0) 36.78 1.1478C-02 7.7778C-03 4.6146 (0) 1.1218 (0) 3.4466 (-1) 0.0 344.5 1.0188 (0) 36.78 1.1478C-02 7.5016 (0) 1.1218 (0) 3.4466 (-1) 0.0 344.6 1.0188 (0) 36.80 1.1356C-02 4.5166 (0) 1.1228 (0) 4.5166 (0) 0.0 344.6 1.0188 (0) 36.81 1.1366C-02 4.5166 (0) 1.1228 (0) 4.5166 (0) 0.0 344.7 1.0188 (0) 36.81 1.1366C-02 4.5166 (0) 1.1228 (0) 4.5166 (0) 0.0 344.7 1.0188 (0) 36.81 1.1416C-02 4.5166 (0) 1.1228 (0) 4.5166 (0) 0.0 344.7 1.0188 (0) 36.81 1.1416C-02 7.5466 (0) 4.5166 (0) 1.5276 (0) 0.0 344.7 1.0188 (0) 36.82 1.1416C-02 7.5466 (0) 1.5276 (0) 4.5166 (0) 1.5276 (0) 4.5166 (0) 4.5166 (0) 4.5166 (0) 4.5166 (0) 4.5166 (0) 4.5166 (0) 4.5166 (15.900	0.0	344.5	18E	36.79	-1.427E-02	-8.154E-03	4.619E 02	1.121E 03	-4.350E-01	-2.485E-(
0.0 344.5 1.016 For 0 35.78 1.1465E-02 -7.855E-03 +5.461E-03 +5.461E-02 1.122 For 03 -5.465E-01 0.0 344.6 1.016 For 03.6.80 1.132E-02 -6.99E-03 +6.16 E-04 1.122 For 03 -5.465E-01 0.0 344.6 1.017 For 03.6.81 -1.31E-02 -6.99E-03 +6.16 E-04 1.122 For 03 -5.165E-01 0.0 344.7 1.016 For 03.6.81 -1.31E-02 -6.99E-03 +6.116 E-04 1.122 For 03 -6.116 For 03 0.0 344.5 1.017 For 03.6.81 -1.31E-02 -6.99E-03 +6.116 E-04 1.122 For 03 -6.116 For 03 0.0 344.5 1.017 For 03.6.82 -1.416 For 04 -6.116 E-03 -6.116 For 03	13.000	0.0	344.5	186	36.78	-1.4 70E-02	-7.172E-03		1.121E 03	-4.4816-01	-2.369F-(
0.0 344.7 1.010.6 00 35.80 -1.3296-02 -6.9596-03 4.645 02 1.1222 03 4.5306-01 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	13.100	0.0	344.5	17	36.78	-1.465E-02	-7.8536-03	Di	1.121E 03	-4.466E-01	-2.394E-
0.0 344.6 1.011F 00 36.81 -1.329F-02 -6.99F-03 4.614E 02 1.122E 03 4.615F-01 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	13.200	0.0	344.7	3910	36.80	-1.413E-02	-8.118E-03	4.607E 02	1.122E 03	-4.306E-01	-2.474E-
0.0 344.6 1.017F 00 36.81 -1.350E-02 -7.396E-03 4.616E 02 1.122E 03 4.610E-01 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	13.300	0.0	344.6	01 TE	36.80	-1.329E-02	-6.959E-03	4.613E 02	1.122E 03	-4.052E-01	-2.121E-
0.0 144.4 1.0116	13.400	0.0	344.6	7	36.81	-1.350E-02	-7.138E-03	4.614E 02	1.122E 03	-4-116E-01	-2.176E-
0.0 344.5 1.0166 00 36.81 1.1377E-02 -6.545E-03 4.610E 0.2 1.122E 03 -4.645E-01 0.0 1.122E 03 -4.645E-01 1.122E 03 -4.645E-01 0.0 1.122E-01 0.0 1.	13.500	0.0	344.6	31 TE	36.82	:	-7.396E-03		1.122E 03	-4.086E-01	-2.254E-
0.0 344.7 1.010E 00 36.81 -1.318E-02 -5.456E-03 4.61E 02 1.122E 03 -4.32E-01 0.0 0.0 344.7 1.010E 00 36.81 -1.318E-02 -7.546E-03 4.61E 02 1.122E 03 -4.32E-01 0.0 0.0 344.8 1.001E 00 36.81 -1.318E-02 -7.546E-03 4.61E 02 1.122E 03 -4.32E-01 0.0 0.0 34.8 1.001E 00 36.81 -1.33E-02 -7.546E-03 4.61E 02 1.122E 03 -4.32E-01 0.0 0.0 34.8 1.002E 00 36.82 -3.96E-02 -7.546E-03 4.61E 02 1.122E 03 -4.32E-01 0.0 0.0 34.8 1.002E 00 36.82 -3.96E-01 -1.267E 00 4.004E 02 1.122E 03 -1.209E 00 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	13.600	0.0	344.7	3910	36.81	-1.381E-02	-6.563E-03	70	1.122E 03	-4.210E-01	-2.001E-
0.0 344.7 LOURE 00 36.81 -1.3818-02 -5.7546-03 4.6118 02 1.1222 03 -4.3122-01 0.0 0.0 344.5 LOURE 00 36.81 -1.3818-02 -5.446-03 4.6118 02 1.1222 03 -4.386-01 0.0 0.0 344.6 LOURE 00 36.82 -1.4388-02 -5.446-01 4.6918 02 1.1222 03 -4.386-01 0.0 0.0 344.6 LOURE 00 36.82 -1.3868-01 -1.2878 00 4.3848 02 1.1222 03 -1.1222 03 -1.3868-01 0.0 0.0 0.0 345.2 LOURE 00 36.83 -2.5488-01 -1.2078 02 1.1222 02 1.1222 03 -1.1322 03 -	13.700	0.0	344.5	391C	36.81	-	-6.945E-03	4.611E 02	1.122E 03	-4.044E-01	-2.117E-
0.00 344-5 1.011E 00 36.81 -1.31E-02 -7.546E-03 4.618E 02 1.122E 03 -4.210E-01 0.00 0.00 344-5 1.011E 00 36.82 -1.433E-02 -7.546E-01 4.639E 02 1.122E 03 -4.210E-01 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0	13.800	0.0	344.7	31.TE	36.81	-1.418E-02	-6.746E-03		1.122E 03	-4.3236-01	-2.056E-
0.100 34.6 1.012E 03 36.82 -1.593E-02 2-2.167E-02 4.639E 02 1.122E 03 -1.209E 00 0.00309 34.50 1.033E 00 36.82 -1.266E-01 -1.267E 00 4.684E 02 1.122E 03 -1.132E 03 -1.132E 00 0.00309 34.52 1.039E 00 36.83 -2.688E-01 -1.267E 00 4.734E 02 1.122E 03 -1.131E 00 0.00300 34.52 1.039E 00 36.73 -2.688E-01 -1.130E 00 4.734E 02 1.122E 03 -1.131E 01 0.00300 34.52 1.039E 00 36.73 -2.688E-01 -1.102E 00 4.734E 02 1.122E 03 -1.131E 01 0.00300 34.54 1.039E 00 36.73 -2.686E-01 -1.102E 00 4.004E 02 1.112E 03 -1.131E 01 0.0000 34.54 1.039E 00 36.45 -1.132E 01 1.102E 00 4.004E 02 1.113E 03 -2.474E 01 0.0000 34.50 1.039E 00 36.45 -1.132E 00 1.102E 00 1.113E 03 -2.474E 01 0.0000 34.50 1.039E 00 36.45 -1.132E 00 1.1031E 00 4.004E 02 1.113E 03 -2.474E 01 0.0000 34.50 1.039E 00 36.44 -1.132E 00 1.034E 00 4.044E 02 1.113E 03 -2.474E 01 0.0000 34.50 1.039E 00 36.44 -1.132E 00 1.039E 00 4.044E 02 1.113E 03 -2.474E 01 0.0000 34.50 1.039E 00 36.44 -1.132E 00 1.039E 00 4.044E 02 1.113E 03 -2.474E 01 0.039E 00 36.44 -1.132E 00 1.039E 00 4.046E 02 1.131E 03 -2.474E 01 0.039E 00 36.44 -1.132E 00 1.039E 00 36.44 -1.132E 00 1.039E 00 4.049E 02 1.139E 03 -2.474E 01 1.039E 03 46.22 1.039E 00 36.44 -1.132E 00 1.039E 00 4.049E 02 1.139E 00 1.039E 00 1.039E 00 1.039E 00 36.44 -1.132E 00 1.039E 00	13.900	0.0	34.5	38 T	36.81	-1.381E-02	-7.546E-03		1.122E 03	2 10E-	-2.300E-
0.200 345.8 1.022E 00 36.85 -1.366E-01 -1.412E 00 4.645E 02 1.122E 03 -4.163E 00 -0.200 345.0 1.033E 00 36.85 -1.366E-01 -1.412E 00 4.712E 02 1.122E 03 -4.163E 00 -0.200 345.2 1.039E 00 36.80 -2.658E-01 -1.412E 00 4.712E 02 1.122E 03 -4.163E 00 -0.200 345.2 1.039E 00 36.70 -3.030E-01 -1.102E 00 4.712E 02 1.122E 03 -1.191E 00 -0.200 345.2 1.039E 00 36.71 -1.103E 00 4.712E 02 1.112E 03 -1.191E 01 -0.200 345.4 1.039E 00 36.71 -1.103E 00 4.713E 02 1.112E 03 -1.191E 01 -0.200 345.7 1.039E 00 36.40 -1.117E 01 -1.103E 00 4.94E 02 1.111E 03 -2.545E 01 -0.200 345.0 1.039E 00 36.40 -1.117E 01 -1.037E 00 4.94E 02 1.111E 03 -2.747E 01 -0.200 346.0 1.039E 00 36.40 -1.117E 01 -1.036E 00 4.94E 02 1.111E 03 -2.747E 01 -0.200 346.0 1.039E 00 36.40 -1.117E 01 -1.036E 00 4.94E 02 1.111E 03 -2.747E 01 -1.036E 00 4.94E 02 1.103E 03 -2.747E 01 -1.036E 03 -2.747E 03 -2.747E 01 -1.036E 03 -2.747E 03	000-11	0.0	344.6	3176	36-82	-1.433E-02	-2.167E-02		1-122E 03	1	-9.606E-
0.500 345.2 1.0396 00 36.83 -1.5696-01 -1.2076 00 4.726 02 1.1226 03 -1.1316 00 -0.500 345.2 1.0346 00 36.83 -1.5696-01 -1.3026 00 4.7746 02 1.1226 03 -1.1316 00 -0.500 345.2 1.0346 00 36.83 -1.5066-01 -1.3026 00 4.7746 02 1.1226 03 -1.5926 01 -1.5066 00 345.4 1.0366 00 36.47 1.1206 00 36.47 1.1316 00 4.8946 02 1.1126 03 -1.5926 01 -1.5066 00 345.4 1.0366 00 36.47 1.1226 00 34.4 1.1226 01 36.48 1.1126 01 3.54 1.1126 01 3.54 1.1126 01 3.54 1.1126 01 3.54 1.1126 01 3.54 1.1126 01 3.54 1.1126 01 3.54 1.1126 01 36.48 1.1126 01 3.54 1.1126 01 3.	14-100	0.100	344.8)23E	36.82	-3.966E-02	-5.841E-01		1.122E 03	-1.209E 00	-1.780E
0.900 345.2 1.03% 0.0 36.80 -1.1012 0.0 4.73% 0.2 1.122E 0.3 -1.191E 0.0 0.900 345.2 1.03% 0.0 36.80 -1.191E 0.1 -1.30% 0.0 4.73% 0.2 1.122E 0.3 -1.191E 0.0 0.900 345.2 1.03% 0.0 36.80 -1.191E 0.1 -1.102E 0.0 4.73% 0.2 1.112E 0.3 -1.191E 0.1 -1.102E 0.0 4.73% 0.2 1.112E 0.3 -1.191E 0.1 -1.000E 0.0 4.73% 0.2 1.111E 0.3 -1.169E 0.1 -1.000E 0.0 345.2 1.03% 0.0 36.65 -1.112E-0.1 -1.000E 0.0 4.96% 0.2 1.111E 0.3 -2.77% 0.1 -1.000E 0.0 345.2 1.03% 0.0 36.65 -1.112E 0.0 -1.000E 0.0 4.96% 0.2 1.111E 0.3 -2.77% 0.1 -1.000E 0.0 345.2 1.03% 0.0 36.64 -1.112E 0.0 -1.000E 0.0 4.96% 0.2 1.111E 0.3 -2.77% 0.1 -1.000E 0.0 4.96% 0.2 1.111E 0.3 -2.90% 0.1 -1.000E 0.0 4.96% 0.2 1.111E 0.3 -2.90% 0.1 -1.000E 0.1 4.96% 0.2 1.101E 0.3 -2.90% 0.1 -1.000E 0.0 4.99% 0.2 1.101E 0.3 -2.90% 0.1 -1.000E 0.3 -2.00% 0.3	14-200	0.200	345.0	33%	36.85	-1.366E-01	-1.267E 00	4.684E UZ	1.123E 03	-4.163E 00	-3.863E
0.500 355.2 1.0505 00 36.73 -5.060E-01 -1.1302 00 4.6516 02 1.1126 03 -1.5522 01 -1.5522 01 -1.0556 00 35.71 -6.113E-01 -1.1712 00 4.6516 02 1.1176 03 -2.5474 01 -1.006 00 35.60 -8.117E-01 -1.0716 00 4.6516 02 1.1176 03 -2.5474 01 -1.000 35.50 -8.117E-01 -1.0716 00 4.6516 02 1.1176 03 -2.5474 01 -1.000 35.50 -1.0056 00 35.52 -9.112E-01 -1.006 00 4.6916 02 1.1176 03 -2.4746 01 -1.000 35.60 -1.0056 00 35.52 -1.0056 00 4.6916 02 1.1116 03 -2.4746 01 -1.000 35.60 -1.0056 00 35.54 -1.012E 00 -1.0056 00 4.9716 02 1.1116 03 -2.4746 01 -1.000 35.60 -1.0056 00 35.34 -1.112E 00 -1.0056 00 4.9716 02 1.1116 03 -2.4746 01 -1.0056 00 35.60 -1.0056 00 4.9716 02 1.1116 03 -3.3916 01 -1.0056 00 35.60 -1.0056 00 4.9716 02 1.1056 03 -3.3916 01 -1.0056 00 4.9716 02 1.1056 03 -3.9916 01 -1.0056 00 4.9716 02 1.1056 03 -3.9916 01 -1.0056 03 -1.0056 00 4.9716 02 1.1056 03 -3.9916 01 -1.0056 03 -4.2906 01 -1.0056	906-41	0.300	345.2	33%	36.83	-2.658E-01	-1-4126 00	4-712E UZ	1.122E 03	-8-101E 00	-4.303E
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0.700 345.7 [1.059° 00 36.60 -8.1178-01 -1.084° 00 4.899° 02 [1.116 03 -2.1474° 01 -1.080° 00 34.89° 02 [1.116 03 -2.1474° 01 -1.080° 00 34.89° 02 [1.116 03 -2.1474° 01 -1.080° 00 34.89° 02 [1.116 03 -2.1474° 01 -1.080° 00 34.89° 02 [1.116 03 -2.1474° 01 -1.080° 00 34.89° 02 [1.090° 00 36.44 -1.012° 00 -1.080° 00 4.996° 02 [1.116 03 -2.1474° 01 -1.080° 00 34.89° 02 [1.090° 00 36.44 -1.112° 00 -1.080° 00 4.996° 02 [1.116 03 -3.996° 01 -1.080° 00 34.89° 02 [1.090° 00 36.14 -1.112° 00 -1.078° 00 4.996° 02 [1.016 03 -3.996° 01 -1.078° 00 34.82 [1.016 03 34.89° 02 [1.016 03 34.89° 02 [1.016 03 34.89° 02 [1.016 03 34.89° 02 [1.016 03 3.999° 02 [1.000° 34.89° 02 [1.016 03 34.89° 02 [1		000	345	150E		-5.060E-01		4. 103E UZ	1.1106 03		-3.568E
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1.300 346.2 1.090E 00 36.13 -1.311E 00 -1.078E 00 4.95E 02 1.101E 03 -3.995E 01 1.400 346.2 1.093E 00 35.01 -1.407E 00 -1.077E 00 4.958E 02 1.094E 03 -4.290E 01 1.600 346.3 1.115E 00 35.74 -1.607E 00 -1.076E 00 5.060E 02 1.094E 03 -4.898E 01 1.700 346.4 1.127E 00 35.74 -1.607E 00 -1.071E 00 5.060E 02 1.089E 03 -4.898E 01 1.700 346.4 1.127E 00 35.74 -1.807E 00 -1.071E 00 5.013E 02 1.089E 03 -5.202E 01 1.900 346.4 1.117E 00 35.77 -1.906E 00 -1.071E 00 5.016E 02 1.080E 03 -5.202E 01 1.900 346.4 1.117E 00 35.07 -1.906E 00 -1.071E 00 5.016E 02 1.080E 03 -5.202E 01 1.900 346.4 1.117E 00 35.07 -1.906E 00 -1.071E 00 5.016E 02 1.080E 03 -5.201E 01 1.200 346.4 1.117E 00 35.07 -1.906E 00 -1.071E 00 5.016E 02 1.080E 03 -5.201E 01 1.200 346.4 1.117E 00 34.89 -2.028E 00 -3.016E-01 5.118E 02 1.052E 03 -6.188E 01 1.200 346.3 1.107E 00 34.89 -2.038E 00 4.039E-02 5.019E 02 1.052E 03 -6.196E 01 2.000 346.3 1.107E 00 34.36 -2.038E 00 4.039E-02 5.019E 02 1.052E 03 -6.196E 01 2.000 346.1 1.117E 00 34.38 -2.028E 00 -1.376E-02 5.019E 02 1.031E 03 -6.180E 01 2.000 346.1 1.117E 00 34.38 -2.028E 00 -1.376E-02 5.019E 02 1.031E 03 -6.180E 01 2.000 346.1 1.117E 00 33.43 -2.027E 00 -1.378E-02 5.059E 02 1.031E 03 -6.180E 01 2.000 346.1 1.107E 00 34.38 -2.027E 00 -1.378E-02 5.059E 02 1.031E 03 -6.180E 01 2.000 346.1 1.077E 00 34.61 1.007E 00 34.81E 01 -2.027E 00 -1.378E-02 5.059E 02 1.031E 03 -6.180E 01 -2.007E 03 -6.180E 01 -2.000 30 -6.180E 03 -6.180E 01	15.200	1.200	346.0	3660		-1.213E 00	-1.079E	4.960E 02	1.105E 03	3969	-3.288E
1.400 346.2 1.093E 00 36.01 -1.407E 00 -1.076E 02 1.099E 02 1.099E 03 -4.290E 01 -4.290E 01 1.500 346.2 1.101E 00 35.08 -1.506E 00 -1.076E 00 4.994E 02 1.099E 03 -4.290E 01 -1.500 346.4 1.112F 00 35.74 -1.607E 00 -1.071E 00 5.113E 02 1.089E 03 -5.202E 01 -1.700 346.4 1.122E 00 35.44 -1.807E 00 -1.071E 00 5.091E 02 1.089E 03 -5.202E 01 -1.900 346.4 1.112E 00 35.27 -1.906E 00 -1.071E 00 5.091E 02 1.080E 03 -5.509E 01 -1.900 346.4 1.112E 00 35.07 -1.906E 00 -1.071E 00 5.091E 02 1.080E 03 -5.509E 01 -2.200 346.4 1.112E 00 34.89 -2.028E 00 -3.016E-01 5.066E 02 1.080E 03 -6.055E 01 -2.200 346.1 1.126E 00 34.89 -2.028E 00 -3.016E-01 5.060E 02 1.089E 03 -6.189E 01 -2.200 346.1 1.112E 00 34.89 -2.038E 00 4.039E-02 5.018E 02 1.057E 03 -6.18E 01 -2.200 346.1 1.117E 00 34.36 -2.038E 00 4.039E-02 5.019E 02 1.057E 03 -6.18E 01 -2.200 346.1 1.117E 00 34.31 -2.028E 00 -1.376E-02 5.019E 02 1.031E 03 -6.180E 01 -2.200 346.1 1.117E 00 34.31 -2.028E 00 -1.376E-02 5.059E 02 1.031E 03 -6.180E 01 -2.200 346.1 1.117E 00 33.83 -2.027E 00 -1.378E-02 5.059E 02 1.031E 03 -6.180E 01 -2.200 346.1 1.117E 00 33.48 -2.028E 00 -1.378E-02 5.059E 02 1.031E 03 -6.180E 01 -2.200 346.1 1.107E 00 33.48 -2.028E 00 -1.378E-02 5.059E 02 1.031E 03 -6.180E 01 -2.200 346.1 1.009E 00 33.48 -2.027E 00 -1.086E-02 5.069E 02 1.031E 03 -6.180E 01 -2.200 346.1 1.009E 00 33.48 -2.027E 00 -1.086E-02 5.069E 02 1.031E 03 -6.180E 01 -2.200 346.1 1.009E 00 33.48 -2.027E 00 -1.086E-03 4.964E 02 1.014E 03 -6.180E 01 -2.018E 01 -2.0	15.300	1.300	346.2	306C		-1.311E 00		4.945E 02	1.101E 03	995E	-3.287E
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1.600 346.3 1.1135 00 35.74 -1.6076 00 5.0606 02 1.0896 03 -4.8986 01 -1.700 346.4 1.1276 00 35.59 -1.7076 00 -1.0716 00 5.136 02 1.0856 03 -5.2026 01 -1.900 346.4 1.1176 00 35.44 -1.8076 00 -1.0716 00 5.0946 02 1.0805 03 -5.5096 01 -1.900 346.4 1.1176 00 35.27 -1.9066 00 -1.0716 00 5.0946 02 1.0806 03 -5.5096 01 -2.000 346.4 1.1176 00 35.07 -1.9876 00 -1.0236 00 5.0546 02 1.0896 03 -5.0316 01 -2.200 346.4 1.1176 00 35.07 -1.9876 00 -7.1886-01 5.066 02 1.0896 03 -5.0316 01 -2.200 346.3 1.1146 00 34.52 -2.0386 00 -3.0166-01 5.0166 02 1.0636 03 -6.1836 01 -2.300 346.3 1.1146 00 34.36 -2.0386 00 -3.7666-02 5.0196 02 1.0526 03 -6.1836 01 -2.500 346.2 1.1176 00 34.36 -2.0386 00 1.7516-02 5.0196 02 1.0726 03 -6.1806 01 -2.000 346.1 1.1176 00 34.38 -2.0276 00 -1.3296-03 5.0596 02 1.0366 03 -6.1806 01 -2.000 346.1 1.1177 00 33.48 -2.0276 00 -1.3736-02 5.0696 02 1.0366 03 -6.1806 01 -2.386 00 346.1 1.1077 00 33.48 -2.0276 00 -1.0866-02 1.0206 03 -6.1816 01 -2.300 346.1 1.0946 00 33.48 -2.0286 00 -1.0866-02 1.0146 03 -6.1816 01 -3.300 346.0 1.0936 00 1.0936 00 -5.3366-03 4.9576 02 1.0146 03 -6.1816 01 -3.000 346.0 1.0936 00 -1.0866-02 1.0146 03 -6.1816 01 -3.000 346.0 1.0936 00 33.28 -2.0276 00 -1.0866-02 1.0146 03 -6.1816 01 -3.000 346.0 1.0936 00 -1.0866-03 4.9576 02 1.0146 03 -6.1816 01 -3.000 346.0 1.0936 00 -1.0866-03 4.9576 02 1.0146 03 -6.1816 01 -3.000 346.0 1.0936 00 -1.0866-03 4.9576 02 1.0146 03 -6.1816 01 -3.000 346.0 1.0936 00 -1.0866-03 4.9576 02 1.0146 03 -6.1816 01 -3.000 346.0 1.0936 00 -1.0866-03 4.9576 02 1.0146 03 -6.1816 01 -3.000 346.0 1.0936 00 -1.0866-03 4.9576 02 1.0146 03 -6.1816 01 -3.000 346.0 1.0936 00 -3.000 -3.3366-03 -3.3366-03 4.9576 03 -6.1816 01 -3.000 346.0 1.0936 00 -3.000 33.28 -2.0276 03 -6.01406 03 -6.1816 01 -3.000 346.0 1.0936 00 -3.000 33.28 -2.0276 03 -6.01406 03 -6.01406 03 -6.01406 03 -6.01406 03 -6.01406 03 -6.01406 03 -6.01406 03 -6.01406 03 -6.01406 03 -6.01406 03 -6.01406 03 -6.01406 03 -6.01406 03 -6.01406 03 -6.01406 03 -6.01406 03 -6.01406 03 -6.01406 03 -6.01406 03 -6	15.500	1.500	346.2	101E	35.88	-1.508E 00	-1.076E 00		1.094E 03		-3.279E
1.000 346.4 1.12.0 0 35.44 -1.0078 00 -1.0718 00 5.0188 02 1.0008 03 -5.5098 01 -1.000 346.4 1.112.0 00 35.44 -1.0078 00 -1.0718 00 5.0548 02 1.00808 03 -5.5098 01 -1.000 346.4 1.112.0 0 35.27 -1.9068 00 -1.0288 01 5.0668 02 1.00898 03 -5.5098 01 -2.000 346.4 1.1178 00 35.07 -1.9078 00 -7.1888-01 5.0668 02 1.0098 03 -5.5098 01 -2.000 346.4 1.1178 00 34.89 -2.0288 00 -3.0168-01 5.1108 02 1.0058 03 -6.1838 01 -2.000 346.3 1.1148 00 34.52 -2.0388 00 4.0398-02 5.0198 02 1.0528 03 -6.1898 01 -2.000 346.3 1.1168 00 34.34 -2.0288 00 1.7518-02 5.0198 02 1.0428 03 -6.1808 01 -2.000 346.1 1.1178 00 34.38 -2.0278 00 -1.3298-03 5.0598 02 1.0348 03 -6.1808 01 -2.000 346.1 1.1178 00 33.48 -2.0278 00 -1.4758-02 5.0698 02 1.0268 03 -6.1808 01 -2.000 346.1 1.1078 00 33.48 -2.0278 00 -1.0868-02 1.0268 03 -6.1808 01 -2.000 346.1 1.1078 00 33.48 -2.0278 00 -1.0868-02 1.0268 03 -6.1808 01 -3.000 346.0 1.0938 00 33.28 -2.0278 00 -1.0868-03 4.9578 02 1.0148 03 -6.1818 01 -3.000 346.0 1.0938 00 -5.3368-03 4.9578 02 1.0148 03 -6.1818 01 -3.000	15.600	1.600	346.3	1156	35.74	-1.607E 00	-1.070€ 00	_	1.089E 03	200	-3.260E
1.900 346.4 1.114E 00 35.27 -1.906E 00 -1.01E 00 5.054E 02 1.005E 03 -5.01E 01 -2.000 346.4 1.117E 00 35.07 -1.906E 00 -7.188E-01 5.066E 02 1.005E 03 -5.01E 01 -2.000 346.4 1.117E 00 35.07 -1.906E 00 -7.188E-01 5.066E 02 1.005E 03 -5.055E 01 -2.200 346.3 1.126E 00 34.89 -2.038E 00 -3.016E-01 5.110E 02 1.005E 03 -5.139E 01 -2.400 346.3 1.107E 00 34.36 -2.038E 00 4.039E-02 5.019E 02 1.055E 03 -5.139E 01 -2.500 346.2 1.010E 00 34.38 -2.038E 00 1.751E-02 5.019E 02 1.005E 03 -5.139E 01 -2.500 346.1 1.115E 00 34.01 -2.029E 00 1.373E-02 5.059E 02 1.034E 03 -5.130E 01 -2.007 1 1.007E 00 33.45 -2.027E 00 -1.373E-02 5.069E 02 1.034E 03 -5.130E 01 -2.007 1 1.007E 00 33.48 -2.027E 00 -1.006E 02 1.003E 03 -5.130E 01 -2.007 1 1.007E 00 33.48 -2.027E 00 -1.006E 02 1.003E 03 -5.130E 01 -2.000 346.1 1 1.007E 00 33.48 -2.027E 00 -1.006E 02 1.003E 03 -5.130E 01 -2.000 346.0 1 1.009E 00 33.28 -2.027E 00 -1.006E-03 4.957E 02 1.014E 03 -5.131E 01 -2.131E 01 -2.000 346.0 1 1.009E 00 -1.006E-03 4.957E 02 1.014E 03 -5.131E 01 -2.018E 01 -2.027E 00 -1.006E-03 4.957E 02 1.014E 03 -5.131E 01 -2.018E 01 -2.027E 00 -1.006E-03 4.957E 02 1.014E 03 -5.131E 01 -2.018E 01 -2.027E 03 -2.027E 03 -2.027E 02 1.000E-03 4.957E 02 1.014E 03 -5.131E 01 -2.027E 03 -2	20.51	000	340.4	336	35.59	-1.101E 00	-1.071E 00	5.0015.02	1.000 03	73.	-3.204
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2.100 346.2 1.126E 00 34.88 -2.028E 00 -3.016E-01 5.110E 02 1.063E 03 -6.183E 01 -2.200 346.4 1.128E 00 34.69 -2.040E 00 -4.950E-02 5.118E 02 1.057E 03 -6.219E 01 -2.300 346.3 1.107E 00 34.30 -2.038E 00 4.039E-02 5.019E 02 1.052E 03 -6.122E 01 -2.500 346.3 1.107E 00 34.38 -2.023E 00 1.751E-02 5.019E 02 1.047E 03 -6.196E 01 2.600 346.1 1.115E 00 34.18 -2.028E 00 -1.329E-03 5.059E 02 1.031E 03 -6.180E 01 -2.000 346.1 1.107E 00 33.83 -2.027E 00 -1.373E-02 5.069E 02 1.031E 03 -6.180E 01 -2.000 346.1 1.094E 00 33.48 -2.027E 00 -1.086E-02 5.069E 02 1.020E 03 -6.180E 01 -3.000 346.1 1.094E 00 33.28 -2.027E 00 -1.086E-03 4.957E 02 1.010E 03 -6.181E 01 -2.000 346.0 1.093E 00 -5.336E-03 4.957E 02 1.014E 03 -6.181E 01 -3.000	14.000	2.000	346.4	1176	35.07	-1.987E 00	-7-188E-01		1.069E 03	-6.055E 01	-2.1916
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2.300 346.3 1.114E 00 34.52 -2.038E 00 4.039E-02 5.055E 02 1.052E 03 -6.212E 01 2.400 346.3 1.107E 00 34.36 -2.033E 00 3.766E-02 5.019E 02 1.047E 03 -6.197E 01 2.500 346.2 1.110E 00 34.18 -2.029E 00 1.751E-02 5.037E 02 1.042E 03 -6.186E 01 2.600 346.1 1.115E 00 34.01 -2.028E 00 -1.329E-03 5.059E 02 1.036E 03 -6.180E 01 -2.077E 00 -1.373E-02 5.069E 02 1.031E 03 -6.180E 01 -2.000 346.1 1.107E 00 33.65 -2.027E 00 -1.475E-02 5.029E 02 1.026E 03 -6.180E 01 -2.000 346.1 1.094E 00 33.48 -2.028E 00 -1.086E-02 4.964E 02 1.020E 03 -6.181E 01 -3.000 346.0 1.093E 00 33.28 -2.028E 00 -5.336E-03 4.957E 02 1.014E 03 -6.181E 01 -	16.200	2.200	346.1	128E	34.69	-2.040E 00	-4.950E-02	1000	1.057E 03	-6.219E 01	-1.509E
2.400 346.3 1.107E 00 34.36 -2.033E 00 3.766E-02 5.019E 02 1.047E 03 -6.197E 01 2.500 346.2 1.110E 00 34.18 -2.029E 00 1.751E-02 5.037E 02 1.042E 03 -6.186E 01 2.600 346.1 1.115E 00 34.01 -2.028E 00 -1.3729E-03 5.059E 02 1.036E 03 -6.180E 01 -2.070 346.0 1.117F 00 33.63 -2.027E 00 -1.373E-02 5.069E 02 1.031E 03 -6.180E 01 -2.900 346.1 1.094E 00 33.65 -2.027E 00 -1.475E-02 5.069E 02 1.020E 03 -6.180E 01 -3.900 346.1 1.094E 00 33.48 -2.028E 00 -1.086E-02 4.964E 02 1.020E 03 -6.181E 01 -3.000 346.0 1.093E 00 33.28 -2.028E 00 -5.336E-03 4.957E 02 1.014E 03 -6.181E 01 -	16.300	2-300	346.3	1146	34.52	-2.038E 00	4.039E-02		1.052E 03	-6.212E 01	1.2316
2.500 346.2 1.110E 00 34.18 -2.029E 00 1.751E-02 5.037E 02 1.042E 03 -6.186E 01 2.600 346.1 1.115E 00 34.01 -2.028E 00 -1.329E-03 5.059E 02 1.036E 03 -6.180E 01 -2.700 346.0 1.117E 00 33.63 -2.027E 00 -1.373E-02 5.069E 02 1.031E 03 -6.180E 01 -2.900 346.1 1.107E 00 33.65 -2.027E 00 -1.475E-02 5.069E 02 1.026E 03 -6.180E 01 -2.900 346.1 1.094E 00 33.48 -2.028E 00 -1.086E-02 4.964E 02 1.020E 03 -6.181E 01 -3.000 346.0 1.093E 00 33.28 -2.028E 00 -5.336E-03 4.957E 02 1.014E 03 -6.181E 01 -	16.400	2.400	346.3	1076	34.36	-2.033E 00	3.766E-02		1.047E 03	-6.197E 01	1.148E
2.600 346.1 1.115£ 00 34.01 -2.028£ 00 -1.329£-03 5.059£ 02 1.036£ 03 -6.180£ 01 - 2.700 346.0 1.117£ 00 33.65 -2.027£ 00 -1.373£-02 5.069£ 02 1.031£ 03 -6.179£ 01 - 2.800 346.1 1.107£ 00 33.65 -2.027£ 00 -1.475£-02 5.051£ 02 1.026£ 03 -6.180£ 01 - 2.900 346.1 1.094£ 00 33.48 -2.028£ 00 -5.336£-03 4.957£ 02 1.014£ 03 -6.181£ 01 -	16.500	2.500	346.2	1106	34.18	-2.029E 00	1.751E-02		1.042E 03	10 3981 -9-	5.337E-
2.700 346.0 1.117F 00 33.83 -2.027F 00 -1.373F-02 5.069F 02 1.031E 03 -6.179F 01 - 2.800 346.1 1.107F 00 33.45 -2.027F 00 -1.086F-02 5.021E 02 1.026E 03 -6.180F 01 - 2.900 346.0 1.094F 00 33.48 -2.028F 00 -1.086F-02 4.954F 02 1.020F 03 -6.181F 01 - 3.000 346.0 1.093F 00 33.28 -2.028F 00 -5.336F-03 4.957F 02 1.014F 03 -6.181F 01 -	16.600	2.600	346.1	115	34.01	-2.02BE 00	-1.3296-03	5.059E UZ	1.036E 03	-6.180E 01	-4.051E-
2.800 346.1 1.1076 00 33.65 -2.0276 00 -1.4756-02 5.0216 02 1.0266 03 -6.1806 01 - 2.900 346.1 1.0946 00 33.48 -2.0286 00 -1.0866-02 4.9646 02 1.0206 03 -6.1816 01 - 3.000 346.0 1.0936 00 33.28 -2.0286 00 -5.3366-03 4.9576 02 1.0146 03 -6.1816 01 -	16.700	2.100	346.0	11 76	33.83	-2.027E 00	-1.373E-02	5.069E 02	1.031E 03	-6.179E 01	-4.185E-
2.900 346.1 1.094E 00 33.48 -2.028E 00 -1.086E-02 4.964E UZ 1.020E 03 -6.181E 01 -3.000 346.0 1.093E 00 33.28 -2.028E 00 -5.336E-03 4.957E UZ 1.014E U3 -6.181E 01 -	16.800	2.800	346.1	10 TE	33.65	-2.027E 00	-1.475E-02	5.021E 02	1.026E 03	-6.180E 01	-4.495E-0
3.000 346.0 1.093£ 00 33.28 -2.028£ 00 -5.336£-03 4.957£ u2 1.014£ U3 -6.181£ 01 -1.	16.900	2.900	346.1	094E	33.48	-2.028E 00	-1.086E-02	4.964E 32	1.020E 03	-6.181E 01	-3.310E-0
	17.000	3.000	346.0	093E	33.28	-2.028F 00	-6-336F-03	4 OK 76 117	1 0146 02	10 2181.4-	-1 4245-1

EXPERIMENTAL DATA

RCJR	RUN	USCL.	TENSION		LENGTH VELOCITY	ACCEL .	TENS! UN	LENGTH	VELOC1 TY	ACCEL.
SEC	SEC	DEG	1.85	t	FT/SEC	FT/SEC/SEC	GRAM	5	CN/SEC	CM/SEC/SEC
17.200	3.200	346.1	-	0 32.95	-2.028E 00	-8.862E-03	5.002E JZ	1.004E 03		-2.701E-0
7.300	3.300	346.1	76		38E	-1.145E-02	4.975E UZ	9.989E 02	-6.180E 01	-3.489E-0
1.400	3.400	346.1	1		38E	-1.180E-02	•		316	-3.597E-0
7.500	3.500	346.1	*		38E	863E	•		82E	-2.397E-0
7.600	3.600	346.0	26		028E	-4.562E-03	-		82E	-1.390E-01
7.700	3.700	345.9	30		38E	-7.981E-03	9		82E	-2.432E-
7.800	3.800	346.0	SE	6	38E	-7.863E-03			80E	-2.397E-0
7.900	3.900	346.1	72E		38E	-7.661E-03	. 861E		80E	-2-335E-01
8.000	4.000	346.1	71E	31	128E	-1.090E-02	4.859E UZ		-6.180E 01	-3.323E-
8-100	4-100	346.1	73E			-1.289E-02	_			-3.928E-0
8.200	4.200	346.3			128E	-8-901E-03	9	9.505E 02	BZE	-2.713E-0
8.300	4.300	346.2	31			-4.392E-03	4.903E J2		-6.181E 01	-1.339E-0
8.400	4.400	346.2	3		-2.027E 00	.850E	4.926E 02		-6.180E 01	-1.173E-0
8.500	4.500	346.1	11			-5.594E-03	4.950E UZ		-6.179E OL	-1.705E-0
8.600	4.600	346.1	36			-9.721E-03	4.965E 02		-6.180E 01	-2.963E-0
8. 700	4.700	346.1	31			-1.208E-02	4.975E JZ		-6.181E 01	-3.682E-0
8.800	4.800	346.2	36			-7.190E-03	4.958E U2		-6.182E 01	-2.192E-0
8.900	4.900	346.2	96		028E	-7.269E-03	4.936E 02		-6.182E 01	-2.216E-
0000-6	2.000	346.2	30	0 29.76	-2.028E 00	-1-094E-02	4.901E UZ		-6.182E 01	-3.333E-0
9.100	2.100	346.1	1E	0 29.59	38E	-5.770E-03	4.902E 02	9.020E 02	-6.181E 01	-1.759E-0
9.200	5.200	346.1		29.		-6.570E-03	4.947E 02	_	82E	-2.003E-
9.300	2.300	346.0	36	29.	028E	-8-199E-03	4.983E UZ	-910E	-6.182E 01	-2.499E-0
004.6	2.400	346.1	8			-7.563E-03	4.990E 32	8.856E 02	-6.183€ 01	-2.305E-
005-6	2.500	346.1	35		128E	-4.630E-03	5.000E v2	.801E	182E	-1.411E-0
009-6	2.600	346.2	E		127E	-2.354E-03	4.992E 04		-6.180E 01	-7.176E-02
9.700	2.700	346.2		28.		-1.227E-02	4.964E UZ	6.705E 02	-	-3.739E-
9.800	2.800	346.2	36	28.	128E	-1.065E-02	4.911E JZ		-6.180E 01	-3.24BE-
006.6	2.900	346.2	15E	28.	128E	-2.325E-03	4.878E JZ	8.595E 02	308 T	-7.086E-
0.000	9.000	346.3	36	28.	02 7E	-8.569E-03	4.894E JZ		BOE	-2.612E-
0-100	9.100	346.2	36	27.	327E	-7.396E-03	4.913E 02	8.490E 02	-6.180E 01	-2.254E-01
0.200	6.200	346.2	116	19.72 0		-1.044E-02	4.948E JZ	.434E	-6.180€ 01	-3.183E-0
0.300	6.300	346.1	*	27.	38E	-8.157E-03	4.964E UZ	379€	318	-2.486E-
004.0	004-9	346.2	39C	27.	38E	-4.898E-04	4.969E 02		-6.180E 01	-1.493E-
0.500	6.500	346.2	35	27.	327E	-4.794E-03	4.967E JA		-	-1.461E-
009-0	009.9	346.3	36	26.	27E	-7.207E-03	4.935E uz	8.217£ 02	-	-2.197E-
0.100	9.700	346.3	*	26.	28E		4.915E JZ	8.164E 02	-6.180E 01	-3.146E-
008-0	9.800	346.2	38	26.	-2.028E 00	-8.820E-03	4.891E 02	8-105E 02	916	-2.688E-
006.0	006.9	346.1	176	56.	28E	-8.963E-03	4.8846 02		1816	-2.732E-
1.000	1.000	346.2	30	79.	28E	-9.662E-03	4.899E u2	7.991E 02	906	-2.945E-01
1.100	7.100	346.1	36	26.	28E	-5.770E-03	4.9116 32		-	-1.759E-01
1.200	1.200	346.4	35E		28	-6.198E-03	4.9246 32		80E	-1.889E-
1.300	7.300	346.3	18E		27E	-4.634E-03	4.935€ 02	7	-6.179€ 01	
1.400	1.400	346.3	32E	0 25.53	-2.027E 00	221E-0	4.953E UZ	7.780E 02	-6.179E 01	-1.591E-
1.500	1.500	346.3	1.093E 00		027E 0	-8.461E-03	4.959E JL	7.725E 02	-	-2.579E-C
1.600	1.600	346.4	36		-2.027E 00	-1-010E-02	4.960E JZ	7.672E 02	-6-17RF 01	-3.079E-
The second second									٠	

EXPERIMENTAL DATA

RCOR	RUN	OSCL.	TENSION	Z	LENGTH	GTH VELOCITY	ACCEL .	TENSION	LENGTH	VELUCITY	ACCEL.
SEC	SEC	ANGLE	1.85		14	FT/SEC	F1/SEC/SEC	GRAM	5	CM/SEC	CM/SEC/SEC
800	7.800	346.2		9	24. 91	-2.0276.00	-7 550E-03	4 0636 11	7 5435 03	10 302 1 4-	-2 2016-0
21.900	7.900	346.3	1.092E	200	24.63	-2.027E 00		956E	7.508E 02		-1.793F-01
22.000	8.000	346.3		00	24-47						-1.737E-01
2.100	8-100	346.2		8	24.29				7.403E 02	78E	-2.273E-01
2.200	8.200	346.2		00	24.10		-8.043E-03	4.883E 02	7.347E 02	36L	-2.451E-0
2.300	8.300	346.2	1.0736	00	23.93	-2.028E 00	-8.585E-03	4.866E 02	-20	-6.180E 01	-2.617E-0
2.400	8.400	346.2	1.0776	.00	23.75	-2.027E 00		8 86E		BOE	-2.331E-0
2.500	8.500	346.2	1.081	00	23.55	-2.027E 00	-9.310E-03	_		36L	-2.838E-0
2.600	8.600	346.2	1.084	00	23.38		-8.758E-03	918E	7.125E 02	BOE	-2.669E-01
2.700	8.700	346.3	1.088	00	23.21	-2.028E 00				-6.180E 01	-2.711E-01
2.800	8.800	346.3	1.089	00	23.03			4.942E UZ	170	-6.179E 01	-2.138E-0
2.900	8.900	346.4		00	22.87	-2.027E 00	-7.585E-03	4.958E JZ	6.971E 02	-6.179E 01	-2.312E-01
3.000	0000-6	346.4	1.091E	00	22.70		-7.455E-03	4.949E 02	-	-6.179E 01	-2.272E-01
3.100	9.100	346.4	1.0916	00	25.52		-5.861E-03	4.948E 32	6.865E 02	-6.179E 01	-1.787£-01
3.200	9.200	346.4	1.089	8	22.35	-2.027E 00	-6.142E-03	4.941E 02	6.811E 02	-6.177E 01	-1.872E-01
3.300	9.300	346.4	1.085E	00	22.18		-8.640E-03	4.922E 02	6.762E 02	-6.180E 01	-2.634E-01
3.400	004-6	346.5	1.086	00	21.99		-8.983E-03	4.928E 02	6.704E 02	-6.179E 01	-2.738E-01
3.500	9.500	346.4		00	21.82		-4.621E-03	4.920E 02	6.652E 02	-6.179E 01	-1.408E-01
3.600	009.6	346.4		8	21.66	-2.027E 00	-4.392E-03	4.928E J2	6.602E 02	-6.178E 01	-1.339E-01
3.700	9.700	346.4	1.085E	00	51.46		-6.335E-03	4.924E UZ	6.542E 02	-6.179E 01	-1.931E-01
3.800	9.800	346.4		8	21.26	0	-7.203E-03		6.481E 02	-6.178E 01	-2.196E-0
3.900	006.6	346.4	1.0836	8	21.10		-8.797E-03	4.914E 02	6.432E 02	-6.180E 01	-2.681E-01
4.000	10.000	346.3		8	20.02	J		4.907E 02	6.376E 02	-6.179E 01	-2.149E-01
4.100	10-100	346.3		8	20. 12		-8.552E-03	4.899E 32	6.315E 02	19E	-2.607E-01
4.200	10.200	346.3		8	20.54		-1.0116-02	4.889E UZ	6.262E 02	-6.179E 01	-3.081E-01
4.300	10.300	346.4		8	20-36	-2.027E 00	-7.592E-03	4.880E 02	6.204E 02	-6.179E 01	-2.314E-01
***	10.400	346.5		8	20.20	0	•	4.867E JZ	6-158E 02	19E	-2.356E-01
4.500	10.500	346.4	1.071	8	20.02		-6.903E-03	4.857E 02	6.103E 02	-6.178E 01	-2.104E-0
4.600	10.600	346.5	1.074	8	19.84	0	•		6.048E 02	18E	-1.798E-01
4.700	10.700	346.5	1.0776	00	19.61	0		4.885E 02	5.996E 02	-6.178E 01	-2.638E-01
4.800	10.800	346.4	1.0816	00	19.40	0	-4.715E-03	4.902E 02	5.942E 02	-6.177E 01	-1.437E-01
4-900	10.900	346.4	1.086€	8	19.32	0	•		7	18E	-2.178E-01
2.000	11.000	346.4		00	19.14		-9.499E-03	4.930E 02	5.832E 02		-2.895E-01
2.100	11.100	346.4		00	18.94	0	-6.371E-03		5.774E 02	-6.179E 01	-1.942E-01
2.200	11.200	346.5	1.088E	00	18.78		-7.905E-03		5.723E 02		-2.410E-01
2.300	11.300	346.6		00	18.58		-4.307E-03		5.664E 02	-6.179E 01	-1.313E-01
2.400	11.400	346.4		8	18.41		-2.958E-03		-	-	-9.017E-02
2.500	11.500	346.4		00	18.23			100	-		-2.190E-0
2,600	11.600	346.4		8	18.05		-7.435E-03		5.501E 02	-	-2.266E-01
2.100	11.700	346.3		00	17.87			4.866E UZ		-	-3.332E-01
2.800	11.800	346.3		8	17.68		-1.088E-02	4.880E 02	5.388E 02		-3.316E-01
25.900	11.900	346.5		8	17.51	-2.027E 00	-7.425E-03	4.883E 02	5.336E 02	-6.179E 01	-2.263E-01
0000-9	12.000	346.5	~	8	17.34	-2.027E 00	-8.366E-03	4.881E 02	5.285E 02	-6.179E 01	-2.550E-0
9.100	12.100	346.5	1.079E	00	17.17	-2.027E 00	-7.275E-03	4.896E 02	5.233E 02	-6.178E 01	-2.218E-0
6.200	12.200	346.5	=	00	17.00	-2.027E 00	-5-450F-03	4. 892F 02	5. 182E 02		-1 4416-0
					3	2000	•	-	30 33010	30.4	-310001

EXPERIMENTAL DATA

				1	- ENGLI	ENGLISH UNITS			METRIC UNITS	UNITS	
TO W	RUK	O SCL.	TENSICA		LENG TH	VEL DC I TY	ACCEL .	TENSION	LENGTH	VELOCI TY	ACCEL.
-	TIME	ANGLE	20.			23713		1,400	:	233782	24100010
366	366	nee	693			LIVSER	11/3EL/3EL	EAKS	5	ראל שבר	רחו אברו אבר
004.	12.400	346.5	w	00		-2.027E 00	-2.576E-03	4.845E 02	5.074E 02	-6.178E 01	-7.853E-02
2. 500	12.500	340.4	¥	00	16.47		-5.786E-03	4.837E 02		39L	-1.764E-(
2.600	12.600	346.5	w	00	-		-9.982E-03		100	-	-3.043E-01
2. 700	12.700	346.5	¥	00	16.12	-2.027E 00	-1.059E-02	4.854E UZ	4.914E 02	.77E	-3.229E-01
9- 800	12.800	346.5	¥	00	15.95		-8.039E-03				-2.450E-01
2.900	12.900	346.6	w	00	15.77		-6.900E-03	4.884E JZ	7	-6.178E 01	-2.103E-01
0000	13.000	346.5	Ä	00	15.59		-7.011E-03	4.892E UZ		-6.177E 01	-2.137E-(
1.100	13.100	346.5	¥.	00	15.41	-2.027E 00	-5.920E-03			-6.179E 01	-1.804E-01
1.200	13.200	346.5	w	00	15.22	-2.027E 00	-4.245E-03	4.906E U2	7	-6.178E 01	-1.294E-01
1.300	13.300	346.4	¥	00	15.05		-6.155E-03			179E	-1.876E-01
1.400	13.400	346.4	4	00	14.87		-5.022E-03	-	7	-6.177E 01	-1.531E-0
1.500	13.500	346.5	¥	00	14.70		-6.717E-03			177E	-2.047E-0
009-	13.600	346.6	<u>w</u>	00	14.54		-8.839E-03			77E	-2-694E-0
1.700	13.700	346.5	w	00	14.35		-1.184E-02		7	17E	-3.609E-
7.800	13.800	346.6	w	00	14.18		-1.125E-02		4.323E 02	-	-3.429E-01
1.900	13.900	346.6	¥	00	14.01	T	-7.644E-03			-6.178E 01	-2.330E-0
0000	14.000	346.6	4	00	13.82	-2.027E 00	-4.095E-03			-6-178E 01	-1.248F-01
9.100	14.100	346.6	-	00	13.66		-4.882E-03	73	- 57	177E (-1.488E-01
3.200	14.200	346.6	4	3	13.48		-5.541E-03		-	-6.176E 01	-1.689E-
3.300	14.300	346.6	1	00	13.29		-5.496E-03	4.867E UZ		-	-1.675E-01
3.400	14.400	346.6	52	00	13.11	-2.026E 00	-6.286E-03	4.849E U2			
3.500	14.500	346.6	¥	00	12.92	-2.026E 00	-7.804E-03	4.849E 32		-6.177E 01	-2.379E-01
009-	14.600	346.5	w	00	12.74	-2.027E 00	-6.296E-03	4.859E 02	3.883E 02	-	-1.919E-0
3. 700	14.700	346.5	E	8	12.56	-2.027E 00	-1.028E-02	4.878E 04		-	-3.134E-01
3.800	14.800	346.5	w	00	12.38		-8.118E-03	4.891E U2		-6.178E 01	-2.474E-01
006-	14.900	346.5	×	00	12.19		-9.819E-03	4.889E UZ	3.717E 02	-6.179E 01	-2.993E-01
0000	15.000	346.5	<u>u</u>	00	12.01		-7.690E-03			-	-2.344E-01
001-	15.100	346.5	'n.	00	11.83		-2.217E-03	4.887E 02		-6.178E 01	-6.758E-02
9.200	15.200	346.5	3	8	11.67	-2.027E 00	-6.005E-03	4.887E UZ	3.556E 02	-6.177E 01	-1.830E-01
.300	15.300	346.6	w	00	11.49		-7.341E-03	-		-6.177E 01	-2.237E-01
004-0	15.400	346.6	¥	00	11.32		-8.519E-03	7		-	-2.597E-01
. 500	15.500	346.6	4	8	11.15	-	-1-120E-02	1100		177E	-3.415E-
009.	15.600	346.6	¥	8	10.96	-2.026E 00	-5.385E-03			76E (-1.641E-
001.	15.700	346.6	w	00	10.79	/	-7.530E-03	70E		_	-2.29 SE-01
9.800	15.800	346.6	w	8	10.63	_	-7.801E-03		3.239E 02	1 76E	-2.378E-01
006-6	15.900	346.6	Ä	00	10.45		-5.714E-03			-6.177E 01	-1.742E-0
000.	16.000	346.7	¥	8	10.27		-7.994E-03			-6.177E 01	436E-
001-0	16.100	346.6	¥	00	10.08	-	-4.44E-03			177E	355E-
007.0	16.200	346.7	Ä	00	8.6	-2.027E 00	-5.150E-03	4.875E 02	381C	-	-1.570E-01
0.300	16.300	346.6	m.	8	9.74		-4.421E-03			77E (-1.348E-01
004-6	16.400	346.5	w.	00	9.50	_	-3.145E-03	4.878E 32	3+16	-6.177E 01	-9.585E-02
005-0	16.500	346.5	7	00	9.38	-2.026E 00	-8.007E-03	4.887E 02	2.860E 02	-6.176E 01	-2.440E-01
009 -0	16.600	346.6	¥	00	9.20		-8.565E-03	4.887E UZ	. 803E	-6.177E 01	-2.611E-01
30-700	16.700	346.6	1.075E 0	00	10.6		-9.4736-03	4.876E UZ		-6.177E 01	-2.887E-01
0.800	16.800	346.6	*	00	8.85	-2.027E 00	-9.538E-03	4.879E JZ		-6.177E 01	-2.907E-C

EXPERIMENTAL DATA

RCOR	RUN	USCL.	TENSION	LENGTH	VELOCITY	ACCEL .	TENSION	LENG TH	VELUCITY	ACCEL.
SEC	SEC	DEG	1.85	11	FT/SEC	FT/SEC/SEC	GRAM	5	CN/SEC	CM/SEC/SEC
31.000	17.000	346.7	35	8.		-6.211E-03	4.874E UZ		-6.178E 01	-1.893E-01
31.100	17.100	346.7	39	00 8.32	-2.027E 00	-5.943E-03	4.881t JZ			-1.811E-01
31.200	17.200	346.8	¥			-6.573E-03			-	-2.004E-01
31.300	17.300	346.7	7	7.	-	-7.644E-03		2.431E 02	177E	
31.400	17.400	346.6	96	0 7.79		-6.270E-03			177E	-1.911E-01
1.500	17.500	346.7	7			-5.306E-03			_	-1.617E-01
31.600	17.600	346.7	36	1	-	-6.354E-03	_	2.267E 02	-	-1.937E-01
1. 700	17.700	346.7	96	1	7	-8.937E-03	4.888E UZ	2.210E 02	-	-2.724E-01
1.800	17.800	346.7	36	00 7.08		-9.104E-03			-6.179E 01	-2.775E-01
1.900	17.900	346.6	36	68.9 0		-7.527E-03		2.101E 02	-6.179E DI	-2.294E-01
2.000	18.000	346.7	36	17.9 0		-2.785E-03			-6.178E 01	-8.490E-02
2.100	18.100	346.6	36	0 6.52		-5.966E-03	150		-6.178E 01	-1.818E-01
2.200	18.200	346.6	. BE	00 6.33	-2.027E 00	-1.118E-02	4.892E 02		-6.180E 01	-3.407E-01
2.300	18.300	346.6	96		-2.027E 00	-4.656E-03	4.891E J2		-6.178E 01	
2.400	18.400	346.8	2	16.5 00	-2.027E 00	-8.379E-03	4.885E 02	1.819E 02	-6.179E 01	-2.554E-01
2.500	18.500	346.8	#	2	-2.027E 00	-5.127E-03	872E		-6.177E 01	-1.563E-01
2.600	18.600	346.8	36	00 5.62	-2.026E 00	-3.834E-03	4.865E 02		-6.176E 01	-1.168E-(
2.700	18.700	346.8	3	2	-2.026E 00	-9.156E-03	4.858E UZ	1.661E 02	-6.177E 01	-2.791E-01
2.800	18.800	346.9	2	12.5	-2.027E 00	-7.546E-03	4.853E 02			-2.300E-01
2.900	18.900	346.8	2	00 5.09		-8.921E-03	100		-6.178E 01	-2.719E-01
33.000	19.000	346.7		26.4 00		-9.381£-03		1.498E 02	-6.179E 01	-2.859E-01
3.100	19.100	346.8	w	4.75		-6.426E-03	15		-6.178E 01	-1.959E-01
3.200	19.200	346.7		*		-5.512E-03	4.847E 32		-6.178E 01	-1.680E-01
3.300	19.300	346.7		10 4.38	113	-5.280E-03			-6.178E 01	-1.609E-01
3.400	19.400	346.8		*		-6.207E-03	13		-6.178E 01	
3.500	19.500	346.7		•	-2.027E 00	-7.886E-03	100	1.227E 02	-6.179E 01	-2.404E-01
3.600	19.600	346.7		3		-8-199E-03		1.174E 02	-	-2.499E-01
3.700	19.700	346.7		3.67	_	-7.4126-03		1	_	-2.259E-(
3.800	19.800	346.7		3.	-2.027E 00	-7.050E-03	4.837E 02	1.060E 02	-	-2.149E-(
3.900	19.900	346.8		3.30	-	-7.8796-03			-	-2.402E-C
4.000	20.000	346.8		3.15	0	-1.045E-02	97	9.507E 01	19E	-3.186E-(
4.100	20.100	346.8		~		-8-108E-03	3	8.971E 01	-6.179E 01	-2.471E-C
4.200	20.200	346-8	70			-7.634E-03			177E	-2.327E-01
34.300	20.300	346.9				-7.4166-03	-		177E	-2.260E-(
34.400	20.400	346.9				-4-147E-03			-	-1.264E-01
4.500	20.500	346.8		97.7	-2.027E 00	-5.803E-03		1	178E	-1.769E-01
34.600	20.600	346.9	36		-31	-4.634E-03		5	1 78E	-1.412E-01
4. 100	20.100	346.9	7	1.90	-2.027E 00	-4.323E-03			178E	-1.318E-01
4.800	20.800	346.9	*	-		-5.476E-03	3		177E	-1.669E-01
4.900	20.900	346.9	SE.	_		-6.802E-03			-	-2.0736-01
2.000	21.000	346.9	1	1.36	-2.027E 00	-7.644E-03			178E	-2.330E-01
5.100	21.100	346.9	×	-		-8.970E-03	4.788E 02		-6.178E 01	-2. 734E-01
5.200	21.200	346.8	36	-		-1.108E-02		3.128E 01	-6.178E 01	-3.378E-01
5.300	21.300	346.8	7	0	-	-7.8535-03	4.794E 02		179E	-2.394E-01
35.400	21.400	346.7	1.056E 0	59.0 00	-2.027E 00	-5.688E-03	4.788E 32	1.971E 01	-6.179E 01	-1.734E-01
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EXPERIMENTAL DATA

RCDR	RUN	USCL.	TENSION	LENGTH	VEL OCITY	ACCEL.	TENSION	LENGTH	VELUCITY	ACCEL.
SEC	SEC	DEG	188	1	FT/SEC	FT/SEC/SEC	GRAM	5	CN/SEC	CM/SEC/SEC
5.600	21.600	346.9	1.055E 0	0 0.29	-2.027E 30	-8-673E-03	4.786E 32	8.889E 00	-6.178E 01	-2.643E-C
35.700	21.700	347.0			-2.027E 00	-7.759E-03	4.796E J2	2.407E 00	-6.179E 01	-2.365F-01
5.800	21.800	346.9				-4. 709E-03	4.794E UZ		-6.178E 01	-1.435E-0
2.900	21.900	347.0	1.054E 0		-2.027E 00	-5.835E-03	4.782E J2		-6.177E 01	-1.779E-0
9.000	22.000	347.0		•		-5.649E-03	10.00		-6.177E 01	-1.722E-0
6- 100	22.100	347.0			-2.026£ 00	-5.868E-03		-7.889E 00	-6.177E 01	-1.789E-0
6.200	22.200	346.9			-2.027£ 00	-7.128E-03			-6.177E 01	-2.173E-0
6.300	22.300	347.0			-2.027E 00	-7.585E-03			-6.177E 01	-2.312E-0
6.400	22.400	347.0		0-		-1.045E-02	765E		-6-178E 01	-3.185E-0
6.500	22.500	346.9		9		-4.395E-03	4.779€ 32		-6.179E 01	-1.340E-0
009.9	22.600	346.9		-0-		-8.003E-03	766E	-8.158E 00	-6-178E 01	-2.439E-(
6.700	22.700	346.9				-9.208E-03	783E		-6.179E 01	-2.8076-01
9.800	22.800	346.9		00 -0.28	-2.027E 00	-7.497E-03	764E		-6.179E 01	-2.285E-01
9.900	22.900	346.8			-2.027E 00	-1.083E-02	4.764E JZ	-8.916E 00	-6-179E 01	-3.302E-01
1.000	23.000	346.9				-3.141E-03	4.763E U.		-6.180E 01	-9.575E-02
7.100	23.100	346.9		-0-	-2.027E 00	-3.801E-03			-6.177E 01	-1.1596-01
7.200	23.200	347.0		00 -0.29	-2.027E 00	-7.628E-03	4.755E U2	-8.737E 00	-6.178E 01	-2.325E-01
7.300	23.300	347.0		00 -0.28	-2.027E 00	7.935E-03	4.739E J2		-6.178E 01	2.419E-01
7.400	23.400	346.9			-2.013E 00	2.886E-01	4.740E 02	-8.129E 00	-6.135E 01	8.798E
7.500	23.500	346.7		o	-1.958E 00	7.412E-01	4.741E UZ		-5.969E 01	2.259E
2.600	23.600	346.6				9.998E-01	4.719E 02	-8-111E 00	-5.705E 01	3.047E
7.700	23.700	346.5		97-0- 00		1.086E 00	4.715E 02		-5.399E 01	3.310E 01
7.800	23.800	346.4				1.084E 00		-8-190E 00		
2.900	23.900	346.3		00 -0.26	-1.569E 00	1.056E 00			-4.782E 01	
8.000	24.000	346.1			-1.470E 00	1.033E 00				
8.100	24.100	346.0	1,014€ 0	0 -0.26	-1.374E 00	1.022E 00	4.600E 02			
8-200	24.200	345.9	1.005E 0	0 -0.27		1.020E 00	4.559E 02	-8.120E 00	-3.911E 01	3.107E 01
8.300	24.300	345.8				1.018E 00			-3.624E 01	3.104E
8.400	24.400	345.7	1	1 -0.26	-1.093E 00	1.019€ 00	116			
8.500	54.500	345.6	1.		-9.985E-01	1.016£ 00	4.490E uz		-3.343E 01	3860
8.600	24.600	345.6	9.8416-01		-9.044E-01	1.014€ 00	4.464E J2		Ge.	9160
8.700	24.700	345.6	9.803E-01	1 -0.27	-8.099E-01	1.012E 00	4.446E UZ	-8.269E 00	-2.469E 01	3.085E 01
8.800	24.800	345.5	9-7885-0		-7.150E-01	1.0146 00	4.440E JZ		-2.179E 01	3.090E 01
8.900	24.900	345.5		•	-6.211E-01	1.012E 00	4.437E UZ		-1.893E 01	3.085E
0000.6	25.000	345.5	9.781E-01		-5.269E-01	1.009E 00	4.437E J2	200	-1.606E 01	3.076E (
9.100	25.100	345.4	9.786E-01		-4.302E-01	1.003E 00	4.439E JZ		-1.311E 01	3.057E 01
9.200	25.200	345.3	9.813E-01	ò	-3.356E-01	1.002E 00	4.451E 32		-1.023E 01	3.055E 01
9.300	25.300	345.2	9.840E-0	٩	-2.437E-01	9.997E-01		-	-7.428E 00	3.047E 01
9.400	25.400	345.2	9.855E-0	ė	-1.518E-01	9.777E-01			-4.628E 00	7
9.500	25.500	345.1	9.904E-0	ò	-7.043E-02	7.5336-01	-		-2.147E 00	
009-6		345.3	9.971E-0	0	-2.255E-02	3.507E-01			-6.873E-01	1.069E 01
4.100		345.3	1.003E 0		-4.784E-03	7.927E-02	4.551E 02		-1.458E-01	2.416E 00
9.800	0.0	345.4	E	00 -0.23	-5.210E-03	٩	4.586E 02	-6.880E 00	-1.588E-01	-1.071E
006.6		345.3	36	0	-1.015E-02	-4.719E-02	4.627E UZ	-7.395E 00	-3.095E-01	-1.438E
0.000		345.4	36	0 -0.25	-1-348E-02	-2.924E-02	4.662E JZ	-7.509E 00	-4-109E-01	-8.912E-01

EXPERIMENTAL DATA

		TENSION	LENGTH	VEL OC I TY	ACCEL.	TENSION	LENGTH	VELOCITY	ACCEL.
SEC SEC	DEG	LBS	=	FT/SEC	FT/SEC/SEC	GRAM	5	CM/SEC	CH/SEC/SEC
40.200 0.0	345.5	1.0416	-0-	-1.515E-02	-3.102E-03	4.720E J	_	-4.618E-01	-9.455E
		1.045E 00		-1.465E-02	-8.7196-04			-4.465E-01	-2.657E-02
		1.047E	ė	-1.438E-02	-2.658E-03	4.750E U2	-8.266E 00	-4.382E-01	-8.102£-02
		1.046E	Ä.	-1.336E-02	-4.8336-03		-	373E	-1.4736-01
		1.044E	·	-1.380E-02	-4.7486-03		344E	-4.206E-01	-1.4476-01
		1.040E	9	-1.337E-02	-5.003E-03			-4.077E-01	-1.525E-01
		1.034€		-1.356E-02	-6.083E-03			-4-134E-01	-1.854E-01
		1.028E	9	-1.381E-02	-5.1566-03			-4.209E-01	-1.572E-01
		1.021E	9	-1.416E-02	-4.258E-03	4.633E UZ		-4.316E-01	-1.298E-01
		1.015E	9	-1.376E-02	-5.280E-03	4.606E U2		-4.193E-01	-1.609E-01
		1.011E	0	-1.369E-02	-5.6136-03		-7.357E 00	-4.171E-01	-1.711E-01
		1.005E	9	-1.392E-02	-5.496E-03	4.561E J2		-4.243E-01	-1.6756-01
		1.002E	9	-1.382E-02	-5.894E-03	4.543E 02	-7.761E 00	3712	-1. 796E-01
	,	30	ò	-1.387E-02	-7.925E-03	4.537E J2		-4.226E-01	-2.416E-01
	,	15E-	÷	-1.438E-02	1.1066-03	4.529E JZ		-4.383E-01	3.364E-02
		-38	-0-	-1.295E-02	3.5596-04	4.535E 02	_	-3.947E-01	1.085E-02
		316	•	-1.357E-02	-2.828E-03	4.538E 02	-907E		-8.619E-02
		3E	ò	-1.204E-02	-5.205E-03	4.560E 02	-	-3.668E-01	-1.586E-01
		38		-1.258E-02	-6.639E-03	4.571E 02	-	-3.833E-01	-2.023E-01
		12E	•	-1.324E-02	-6.612E-03	4.592E UZ		-4.037E-01	-2.015E-01
		7	-0-	-1.171E-02	-5.995E-03	4.611E 02	-7.842E 00	-3.570E-01	-1.8276-01
	345.7	90	•	-1.246E-02	-5.956E-03	4.627E 02		-3.797E-01	-1.8156-01
		. SE	ė	-1.267E-02	-5.946E-03	4.649E 02		-3.861E-01	-1.8126-01
		*	ô	-1.110E-02	-4.692E-03	4.670E 02		-3.382E-01	-1.430E-01
		12E	•	-1.099E-02	-5.084E-03	4.679E 02	_	-3.350E-01	-1.550E-0
		¥	ė	-1.243E-02	-5.009E-03	4.688E UZ	-301E	-3.788E-01	-1.527E-01
		2E	ę	-1.261E-02	0-399	4.695E JZ	.418E	-3.842E-01	-1.575E-
		36	•	-1.235E-02		4.686E JZ		-3.763E-01	-1.482E-01
		116	o	-1.284E-02	-168E-0		•	-3.913E-01	-1.880E-01
	345.6	*	o	-1.237E-02	.865E-0	4-668E 02	.541E	-3.770E-01	-1.788E-01
			9	-1.391E-02	.541E-0	4.649E UZ	-7.471E 00	-4.239E-01	-1.9946-01
		35		-1.387E-02	012E-0	4.634E 02	3618.	-4.228E-01	-1.832E-01
		8E	•	-1.314E-02	. 701E-0	4.619E UZ	.723E	-4.006E-01	-2.042E-01
		36	÷	-1.382E-02	.433E-0	4.595E J2		-4.211E-01	-1.961E-01
		8	o ·	-1.372E-02	-6.4796-03	4.583E 02		-4.182E-01	-1.975E-
		385	•	-1.181E-02	-601E-0	4.571E 02		-3.600E-01	-1.402E-01
		10E	ė	-1.198E-02	-5.688E-03	4.564E UZ	.223E	-3.651E-01	-1.734E-01
		¥	ó	-1.218E-02		4.555E J2	.322E	-3.712E-01	-1.913E-01
		*	•	-1.187E-02	-5.378E-03	4.555E UZ	-7.345E 00	-3.618E-01	-1.639E-01
)SE	o	-1.169E-02	.238E-0	4.559E 02	.375E	-3.564E-01	-1.596E-01
		1E	9	-1.190E-02		4.568E JZ	-7.068E 00	-3.627E-01	-1.619E-01
		90		-1.250E-02	-5.404E-03	4.580E J	-7.266E 00	-3.811E-01	-1.647E-01
		36	-0.24	-1.128E-02	-5.554E-03	4.595E JA	-7.205E 00	-3.438E-01	-1.693E-
		99	•	-1.120E-02	-5.091E-03	4.608E UZ	-7.263E 00	-3.413E-01	-1.552E-01
44.600 0.0	345.7	1.019€ 00	÷	-1.257E-02	-5-140E-03	4.622E U2	-7.585E 00	-3.832E-01	-1.567E-

EXPERIMENTAL DATA

				1	LISH UNITS			NETRIC		***********
RCDR	RUN	OSCL.	TENSIGN		LENGTH VELOCITY	ACCEL.	TENSION	LENGTH	VELOCITY	ACCEL.
TIME	TIME	ANGLE								
SEC	SEC	990	185	Ξ	FI/SEC	FT/SEC/SEC	GRAM	CA CA	CM/SEC	CM/SEC/SEC
44.800	0.0	345.6	1.025E 00	1 -0.26	-1.247E-02	-6.260E-03	4.650E UZ	-7.866E 00	-3.800£-01	-1.908E-01
44.900	0.0	345.6	1.027E OL	1 -0.25	-1.1936-02	-6.031E-03	4.660E uz	-7.611E 00	-3.6368-01	-1.838E-01
45.000	0.0	345.5	1.029E 00	1 -0.27	-1.317E-02	-6.093E-03	4.666E J2	-8.158E 00	-4.0136-01	-1.857E-01
45.100	0.0	345.6	1.029E OC	1 -0.27	-1.206E-02	-6.113E-03	4.667E U2	-8.196E 00	-3.676E-01	-1.863E-01
45.200	0.0	345.6	1.028E 00	1 -0.26	-1.138E-02	-6.087E-03	4.661E JL	-7.872E 00	-3.468E-01	-1.855E-01
45.300	0.0	345.7	1.026E OC	1 -0.25	-1.152E-02	-6.237E-03	4.653E J2	-7.494E 00	-3.510E-01	-1.901E-01
45.400	0.0	345.1	1.024E 00	10.25	-1.214E-02	-6.047E-03	4.646E UZ	-7.512E 00	-3.700E-01	-1.843E-01
45.500	0.0	345.7	1.020E OC	1 -0.23	-1.210E-02	-5.649E-03	4.629E UZ	-6.901E 00	-3.687E-01	-1.722E-01
45.600	0.0	345.7	1.019E 00	1 -0.23	-1.227E-02	-5.505E-03	4.623E 02	-6.921E 00	-3.740E-01	-1.678E-01
45. 700	0.0	345.7	1.016E OC	1 -0.24	-1.280E-02	-5.2546-03	4.608E JZ	-7.202E 00	-3.903E-01	-1.601E-01
45.800	0.0	345.7	1.014E 00	1 -0.24	-1.217E-02	-4.754E-03	4.599E UZ	-7.328E 00	-3.710E-01	-1.4496-01
45.900 /	0.0	345.6	1.012E 00	1 -0.24	-1.224E-02	-4.888E-03	4.592E UZ	-7.337E 00	-3.731E-01	-1.490E-01

EXPERIMENTAL DATA

CAT CATHERINE DAIR

E-01	ACCEL.	CM/SEC/SEC	-1.954E 00	-1.940E 00	-1.978E 00		-1.910E 00	-1.950E 00	-2.000E 00	-2.062E 00		-1-928F 00		-1.888E 00	-1.907E 00	-1-883E 00		-1.869E 00	-1.926E 00	-1.957E 00	-1.920E 00	-1.974F 00	-1.966E 00	-2.014E 00	-1.951E 00	-1.874E 00	-1.925E 00	-	-1.90ZE 00	-1-86ZE 00
DATA PARAMETERS 1D = 94 1D = 94 NCHN = 33 NCHN = 6000 KV = 5.480E-01 KA = 2.295E 00	UNITS	CM/SEC	-5.439E-01	-5.541E-01	-5.492E-01	-5.3436-01	-5.414E-01	-5.658E-01	-5.426E-01	-5.368E-01	-5.2596-01	-5.246E-01	-5.187E-01	-5.263E-01	-5-1986-01	-5-112F-01	-5-134E-01	-5.30RE-01	-5.347E-01	-5.3896-01	-5.286E-01	-5.676F-01	-5.430E-01	-5.536E-01	-5.638E-01	-5.2916-01	-5.494E-01	-5.455E-01	-5.4926-01	10-300-0-
	LENGTH	5		2.013E 02	2.0165 02			2.013E 02	2.008E 02			2.014E 02	-			2.014E 02					2.013E 02			12						2.017E 02
7	TENSI GN .	GRAM			4.519E 02			4.504E 02				4.5016 02		7.		4.503E 02		4.499E J2			4.503E 02			1.5			4.497E J2	4.498E 02	3.	4.49fe 02
AMPLITUDE, INCH.	ACCEL.	FT/SEC/SEC	-6.410E-02	-6.366E-02	-6.547F-02	-6.190E-02	-6.266E-02	-6.399E-02	-6-561E-02	-6.764E-02	-6.553E-02	-6.4036-02	-6.319E-02	-6.196E-02	-6.257E-02	-6-179E-02	-6.463E-02	-6.133E-02	-6.319E-02	-6.420E-02	-6.298E-02	-6.477F-02	-6.4496-02	-6.607E-02	-6.401E-02	-6.149E-02	-6.316E-02	-6.196E-02	-6.239E-02	20-3010g-
AUBBER 3.00 2.00 0.0 33.00 5.00 28.60	ENGLISH UNITS	FT/SEC	-1.784E-02	-1.818E-02	-1.7804F-02	-1.753E-02	-1.776E-02	-1.656E-02	-1.780E-02	-1.761E-02	-1.726E-02	-1-7215-02	-1.702E-02	-1.727E-02	-1.705E-02	-1.677E-02	-1.684E-02	-1-742E-02	-1.754E-02	-1-768E-02	-1-1-8046-02	-1-862E-02	-1.781E-02	-1.816E-02	-1.850E-02	-1.736E-02	-1.802E-02	-1.790E-02	-1-802E-02	-1-820E-02
	- ENGL!		19.9	9.9	70.0	09.9	9.90	38	6.59	6.59	\$:	19.9		19.9	29.9	6.61	6.62	6.62	6.62	6.62		9	9.90	6.59	09.9	6.62	6.62	6.63	6.63	70.0
ATTON: TENSTON: TENSTON: TENSTON: TENSTON: TENSTON: TENSTON:	TENSION	1.85	9.9446-01		9-9505-01			9.9306-01	9.9356-01			9-9236-01			9.922E-01	9-9276-01	921E-	9.919E-01	9.929E-01		9-9286-01	9-930E-01	9.929E-01	9.926E-01	9.918E-01	9.914E-01	9.915E-01	9.917E-01	9.9146-01	10-3616-0
CABLE OF STATES	.1080	ANGLE	345.6	345.3	345.5	345.2	344.8	344.8	344.8	344.8	344.8	344.0	344.9	344.9	344.9	344.8	345.0	344.9	344.8	344.8	344.8	344.8	344.8	344.9	344.9	345.0	345.0	345.0	5.4.6	
2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	5	SEC	0.0	0.0		0.0	0.0	0.0		0.0	•••	200	0.0	0.0	0.0		0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0		
	RCOR	SEC	0.0	0-100	0.300	0.400	0.500	0.00	0.00	0.00	99	1.200	1.300	1.400	1.500	1.700	1.800	1.900	2-000	2.100	2.300	2.400	2.500	2.600	2.700	2.800	2.900	3.000	3.100	3.300

EXPERIMENTAL DATA

RCOR	RUN	0 501.	TENSION	LENG TH	GTH VELOCITY	ACCEL.	TENSION	LENGTH	VELOCI TY	ACCEL.
SEC	SEC	DEG	1.85	H	FT/SEC	FT/SEC/SEC	GRAM	5	CM/SEC	CM/SEC/SEC
400	0	344.0	0.0105-01	.,	21 9115-03	-E 024E-02	CII 3004 4	2.0176 02	-5.520E-01	-1-BOAF
200	0.0	345.0	9.9216-01	4 63	-1 736E-02	-6.047E-02		2.0226 02	-5.288F-01	-1-816F 03
009-	0-0	344.9	9.9336-01	6.63	-1.738F-02	-6-097F-02	4-306E 02		-5.298E-01	1658.
- 700	0.0	*	PE	6.62	-1-788F-02	-6.076E-02	_		-5.450E-01	152E
3.800	0.0	344.9	BE-	6.62	-1-843E-02	-6-287E-02			-5.616E-01	-1.916E 00
006.	0.0	:	9.941E-01	6.61	-1.870E-02	-6.306E-02			-5.700E-01	
000	0.0		5E-	6.61	-1.867E-02	-6.198E-02			-5.691E-01	-1.889E 00
001.	0.0	344.9	9.928E-01	09.9	-1.923E-02	-6.477E-02	4.503E U2	2.012E 02	-5.861E-01	-
.200	0.0	344.9	9.920E-01	09.9	-	-6.294E-02	4.500E UZ	2.012E 02	-5.528E-01	-1.918E 00
4.300	0.0	345.0	76-	6.62	-1.806E-02	-6.378E-02	4.498E J2		-5.505E-01	-1.944E 00
4.400	0.0	345.0	9.916E-01	6.63	-1.8196-02	-6.147E-02	87.		-5.544E-01	
4.500	0.0	345.0	9.917E-01	6.63	-1.803E-02	-6.243E-02	4.498E UZ	2.021E 02	-5.497E-01	-1.903E 00
4.600	0.0	345.0	9.9158-01	6.63	-1-805E-02	-6.054E-02	4.498E 02	2.022E 02	-5.501E-01	-
4- 700	0.0	345.0	9.9146-01	6.63	-1-830E-02	-6.0156-02	4.497E 02	2.022E 02	-5.5796-01	-1.833E 00
.800	0.0	345.0	9.910E-01	49.9	-1.813E-02	-6.083E-02	4.495E UZ	2.023E 02	-5.525E-01	1
4.900	0.0	344.9	9.9168-01	\$:0	-1.819E-02	-6.261E-02	4.498E U2		-5.5446-01	-1.908E 00
000	0.0	345.0	9.9146-01	6.65	-1.845E-02	-6.281E-02	4.497E 02		-5.622E-01	-1.914E
.100	0.0	345.0	9.9196-01	6.63	-1.822E-02	-5.935E-02	4.499E J2		-5.552E-01	-1.009E
-200	0.0	344.9	9.925E-01	6.63	-1.793E-02	-6.184E-02	4.502E 32		-5.466E-01	-1.885E
.300	0.0	344.9	9.924E-01	6.62	-1.793E-02	-6.170E-02		2.018E 02	-5.466E-01	
**	0.0	344.9	9.927E-01	6.62	-1.785E-02	-5.984E-02		2.010E 02	-5.442E-01	1000
2.500	0.0	344.8	9.932E-01	6.62	-1.830E-02	-6.046E-02		2.017E 02	-5.5796-01	-1.843E 00
009	0.0	344.9	¥	19.9	-1.846E-02	-6.261E-02		2.015E 02	-5.6256-01	- 908E
. 100	0.0	344.9	1	19.9	-1.827E-02	-6.211E-02		9	-5.567E-01	-
800	0.0	345.0	-	19.9	-1.834E-02	-6.352E-02			-5.5916-01	0
006-	0.0	345.0	1	6.62	-1.826E-02	-6.140E-02			-5.564E-01	
	0.0	345.1	9.915E-01	6.63	-1.820E-02	-6.020E-02			-5.546E-01	
9.100	0.0	345.1	9.912E-01	6.63	-1.7896-02	-6.0436-02			-5.453E-01	-1.842E 00
9.500	0.0	345.0	9.916E-01	6.64	-1.691E-02	-5.960E-02	4.498E UZ	2.023E 02	-5.153E-01	1
.300	0.0	345.0	- 36	6.63	-1.6156-02	-5.903E-02	-		-4.922E-01	
004-9	0.0	345.1	36-	6.65	-1.7136-02	-5.946E-02		T.,	-5.221E-01	-1.812E 00
9- 500	0.0	345.0	- 36	49.9	-1-6336-02	-6.097E-02	4.496E UZ		-4.976E-01	-1.859E
.600	0.0	345.0	-	6.65	-1.677E-02	-5.911E-02			-5.111E-01	
.100	0.0	345.1	9.903E-01	6.65	-1.651E-02	-5.969E-02	-	2.026E 02	-5.031E-01	-1.819E 00
900	0.0	345.1	TE-	49.9	-1.699E-02	-6.005E-02			-5.168E-01	
. 900	0.0	345.0	¥-	6.64	-1.663E-02	-5.9186-02	15		-5.068E-01	100
000	0.0	344.9	9.917E-01	6.63	-1.678E-02	-5.854E-02		2.020E 02	-5.115E-01	-1.784E 00
.100	0.0	345.0	*	6.62	-1.758E-02	-6.205E-02			-5.359E-01	
.200	0.0	345.0	-37	6.62	-1.753E-02	-6.226E-02			-5.342E-01	-1.898
.300	0.0	344.9	56-	19.9	-1.788E-02	-6.046E-02	4.503E 02	80.	-5.4496-01	-1.843E
.400	0.0	345.0	- 36	19.9	-1.722E-02	-6.135E-02			-5.247E-01	
. 500	0.0	345.1	5E-	6.63	-1.705E-02	-6.124E-02	4.498E 02	2.021E 02	-5.196E-01	-1.867E
7.600	0.0	345.1	- 30	49.9	-1.593E-02	-6.086E-02	4.495E UZ		-4. 856E-01	-1.855E
.700	0.0	345.1	18-	9.0	-1.610E-02	-6.142E-02	4.495E UZ	2.024E 02	-4.907E-01	-1.872E
. 800	0.0	345.1	9-9086-01	99-9	-1.596F-02	-6.005E-02	4-49%E 02	2.025F 02	-4-865E-01	-1.830E
							1	1	-	-

EXPERIMENTAL DATA

	2110	OSCI	TENSION	LENGTH	VELOCITY	ACCEL .	TENSION	LENG TH	VELOCITY	ACCEL.
TIME	TIME	ANGLE								
SEC	SEC	DEG	1.85		FT/SEC	FT/SEC/SEC	GRAM	5	CM/SEC	CM/SEC/SEC
8.000	0.0	345.0	9.908E-01	9.04	-1.660E-02	-5.787E-02	4.494E 02	2.025E 02	-5.060E-01	-1.764E
8-100	0.0	345.1	9.907E-01	99.9	-1.705E-02	-5.820E-02	4.4%E 02	2.023E 02	-5.198E-01	-1.774E
8.200	0.0	345.0	9.918E-01	9.04		-5.854E-02		2.023E 02	-5.100E-01	-1.784E
8.300	0.0	345.1	9.91 IE-01	6.65	-1.661E-02	-5.873E-02		2.026E 02	-5.063E-01	-1.790E
8.400	0.0	345.0	9.916E-01	6.65	-1.642E-02	-5.827E-02	4.498E 02	2.025E 02	-5.005E-01	-1.776E
8.500	0.0	345.0	9.912E-01	6.63	-1.696E-02	-6.103E-02			-5.169E-01	-1.860E
8.600	0.0	344.9	9.915E-01	49.9	-1.752E-02	-6.256E-02	4.497E 02		-5.3396-01	-1.907E
8- 700	0.0	344.9	9.919E-01	6.62	-1.714E-02	-6.116E-02	4.499E J2	2.018E 02	-5.223E-01	-1.864E
8.800	0.0	345.0	9.923E-01	6.63	-1.647E-02	-6.278E-02	4.501E UZ	2.020E 02	-5.020E-01	-1.914E
8.900	0.0	345.1	9.923E-01	6.63	-1.593E-02	-6.103E-02	4.501E UZ	2.019E 02	-4-855E-01	-1.860E
9.000	0.0	345.1	9.924E-01	6.63	-1.690E-02	-6.235E-02		2.021E 02	-5-151E-01	-1.900E
9.100	0.0	345.1	9.917E-01	6.63	-1.631E-02	-6.015E-02			-4.971E-01	-1.833E
9.200	0.0	345.1	9.906E-01	49.9	-1.681E-02	-5.976E-02	4.493E UZ	2.025E 02	-5.125E-01	-1.8216
9.300	0.0	345.1	9-902E-01	6.65	-1.736E-02	-6.034E-02	4.492E 02	2.026E 02	-5.292E-01	-1.839E
9.400	0.0	345.1	9-905E-01	6.65	-1.774E-02	-5.963E-02		2.026F 02	-5.406F-01	-1.818F
9.500	0.0	345.1	9.916E-01	6.65	-1.706E-02	-5.770E-02	4.498E UZ	2.028E 02	-5.200E-01	-1.759E
9.600	0.0	345.1	9.909E-01	6.65	-1.676E-02	-5.959E-02	4.495E 02	2.027E 02	-5-110E-01	-1.816E
9.700	0.0	345.1	9.915E-01	6.65	-1.730E-02	-5.761E-02	4.497E 02	2.026E 02	-5.273E-01	-1.756F
9-800	0.0	345.1	9-903E-01	6.65	-1-690E-02	-5.770E-02	4.492E UZ	2.028F 02	-5.152F-01	-1.7596
9.900	0.0	345.1	9-906E-01	99-9	-1.594E-02	-5.683E-02	4.493E 02	2.029E 02	-4-858E-01	-1.7376
10-000	0.0	345.1	9-916E-01	6.65	-1.579E-02	-5-843E-02	4.498E 02	2-026E 02	-4-814F-01	-1.7816
10-100	0.0	345.0	9.9158-01	6.65	-1-669E-02	-5.903E-02	4.497E U2	2.028E 02	-5.087E-01	-1.799E
10-200	0.0	345.0	9.921E-01	6.65	-1.654E-02	-5.928E-02	4.500E 02	2.025E 02	-5.040E-01	-1.807E
10.300	0.0	345.0	9.919E-01	\$.0	-1.563E-02	-6.197E-02	4.499E 02	2.024E 02	-4-764E-01	-1.889E
10.400	0.0	345.0	9.921E-01	6.62	-1.534E-02	-5.843E-02	4.500E UZ		-4.676E-01	-1.781E
10.500	0.0	345.1	9.921E-01	6.63	-1.586E-02	-5.936E-02	4.500E 02	2.020E 02	-4.835E-01	-1.809E
10.600	0.0	345.1	9.915E-01	99.9	-1.560E-02	-6.029E-02	4.497E U2	2.024E 02	-4.755E-01	-1.838E
10-700	0.0	345.2	9.908E-01	9.9	-1.520E-02	-5.995E-02	4.494E UZ	2.025E 02	-4.631E-01	-1.827E
10-800	0.0	345.2	9.906E-01	6.65	-1.421E-02	-5.858E-02	4.493E UZ	2.027E 02	-4.331E-01	-1.786E
10.900	0.0	345.2	9.901E-01	99-9	-1.489E-02	-5.805E-02	4.491E UZ	2.029E 02	-4.538E-01	-1.769E
11.000	0.0	345.1	9.906E-01	99 - 9	-1.497E-02	-5.822E-02	4.493E U2	2.029E 02	-4.564E-01	-1.774E
11.100	0.0	345.2	9.905E-01	6.65	-1.446E-02	-5.637E-02	4.493E UZ	2.028E 02	-4.406E-01	-1.718E
11.200	0.0	345.1	9-909E-01	6.65	-1.472E-02	-5.759E-02	4.494E U2		-4.487E-01	-1.755E
11.300	0.0	345.1	9.908E-01	6.65	-1.548E-02	-5.918E-02	4.494E J2	2.028E 02	-4.719E-01	-1.804E
11-400	0.0	345.2	9.902E-01	99.9	-1.618E-02	-5.652E-02	4.492E U2	2.530E 02	-4.932E-01	-1.723E
11.500	0.0	345.2	9.899E-01	99.9	-1.482E-02	-5.869E-02	4.490E U2	2.031E 02	-4.517E-01	-1.789E
11.600	0.0	345.2	9.902E-01	6.65	-1.564E-02	-5.770E-02	4.492E 02	-	-4.768E-01	-1.759
11.700	0.0	345.1	9.911E-01	69.9	-1.648E-02	-5.922E-02	4.4 %E 02	2.028E 02	-5.024E-01	-1.805
11.800	0.0	345.1	9.898E-01	69.9	-1.648E-02	-5.857E-02	4.490E J2	2.028E 02	-5.024E-01	-1.785E
11.900	0.0	345.1	9.909E-01	6.65	-1.643E-02	-6.190E-02	4.495E 32	2.026E 02	-5.008E-01	-1.887E
12.000	0.0	345.0	9.913E-01	6.63	-1-654E-02	-6.044E-02	4.497E U2	2.021E 02	-5.042E-01	-1.842E
12-100	0.0	345.1	9.916E-01	0.04	-1.600E-02	-6.180E-02	4.498E 02	2.023E 02	-4.876E-01	-1.884E
12.200	0.0	345.1	9.921E-01	6.63	-1.612E-02	-5.837E-02	4.500E UZ	2.022E 02	-4.9136-01	-1.779E
12.300	0.0	345.2	9.893E-01	6.65	-1.571E-02	-6.182E-02	4.487E 02	2.027E 02	-4.787E-01	-1.884E
12.400	0.0	345.2	9-902F-01	44.64	-1 673C-03	E 0346-03				
		-	10000	1	-1.57/2E-UZ	20-2064-0-	4.4.1E UZ	2.028E 02	-4- 793E-01	-1.809E

EXPERIMENTAL DATA

1.05 FT F7/SEC FT/SEC/SEC GRAM 2.093E-01 6.66 -1.450E-02 -5.695E-02 +4.61E 02 2.900E-01 6.66 -1.531E-02 -5.731E-02 +4.91E 02 2.900E-01 6.66 -1.531E-02 -5.731E-02 +4.91E 02 3.900E-01 6.66 -1.531E-02 -5.731E-02 +4.91E 02 3.900E-01 6.65 -1.541E-02 -5.991E-02 +4.91E 02 3.900E-01 6.65 -1.551E-02 -5.991E-02 +4.991E 02 3.900E-01 6.90 5.751E-01 -5.901E-02 -4.991E 02 3.900E-01 6.90 5.751E-01 -4.991E-02 -4.991E-02 3.900E-01 6.90 5.707E-01 -4.991E-02 -4.991E-02 3.900E-01 6.90 5.707E-01 -4.991E-02 -4.991E-02 3.900E-01 6.90 5.707E-02 -5.991E-02 -4.991E-02 -5.991E-02 3.900E-01 6.90 5.707E-02 -5.991E-02 -4.991E-02 -5.991E-02 3.900E-01 6.90 5.707E-02 -5.991E-02 -5.991E-02 -5.991E-02 -5.991E-	RCOR	RUN	OSCL.	TENSION	LENGTH	GTH VELOCITY	ACCEL.	TENSIUN	LENGTH	VELOCITY	ACCEL.
145.2 9.892E 01 6.66 -1.440E 02 -5.695E 02 4.487E 02 0.0 0.0 0.355.2 9.892E 01 6.66 -1.356E 02 -5.695E 02 4.487E 02 0.0 0.0 0.355.2 9.900E 01 6.66 -1.556E 02 -5.744E 02 4.494E 02 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	SEC	SEC	ANGLE	1.85	11	FT/SEC	F T/SEC/SEC	GRAM	5	CM/SEC	CH/SEC/SEC
0.0 345.2 9.000E-01 6.66 -1.346E-02 -5.59E-02 4.491E 0.2 0.0 345.2 9.000E-01 6.66 -1.346E-02 -5.91E-02 4.491E 0.2 0.0 345.2 9.000E-01 6.66 -1.346E-02 -5.91E-02 4.491E 0.2 0.0 345.2 9.000E-01 6.65 -1.541E-02 -5.91E-02 4.491E 0.2 0.0 345.2 9.000E-01 6.65 -1.541E-02 -5.91E-02 4.491E 0.2 0.0 345.2 9.000E-01 6.65 -1.541E-02 -5.91E-02 4.491E 0.2 0.0 345.2 9.001E-01 6.65 -1.541E-02 -5.91E-02 4.491E 0.2 0.0 345.3 9.001E-01 6.65 -1.541E-02 -5.91E-02 -4.491E 0.2 0.0 345.3 9.001E-01 6.65 -1.541E-02 -5.91E-02 -4.491E 0.2 0.0 345.3 9.001E-01 6.65 -1.541E-02 -5.91E-02 -5.91E-02 -4.491E 0.2 0.0 345.3 9.001E-01 6.65 -1.541E-02 -5.91E-02 -4.491E 0.2 0.0 345.3 9.001E-01 6.65 -1.541E-02 -5.91E-02 -4.491E 0.2 0.0 345.3 9.001E-01 6.65 -1.541E-02 -5.91E-02 -4.491E 0.2 0.0 345.3 9.001E-01 6.67 -1.551E-02 -5.91E-02 -3.491E 0.2 0.0 345.3 9.001E-01 6.67 -1.551E-02 -3.491E 0.2 0.0 345.3 9.001E-02 -3.491E 0.2 0.0 345.2 9.0 345.2				1						College A	
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145.2 9.90E-01 6.66 -1.531E-02 -5.73FE-02 -4.99E 0.0 145.1 9.90E-01 6.65 -1.40FE-02 -5.73FE-02 -4.99E 0.0 145.1 9.90E-01 6.65 -1.40FE-02 -5.97E-02 -4.99E 0.0 145.1 9.90E-01 6.65 -1.40FE-02 -5.97E-02 -4.99E 0.0 145.1 9.90E-01 6.65 -1.40FE-02 -5.97E-02 -4.99E 0.0 145.1 9.90E-01 6.65 -1.40FE-02 -5.99E-02 -4.99E 0.0 145.1 9.90E-01 6.65 -1.40FE-02 -5.99E-02 -4.99E 0.0 145.1 9.90E-01 6.65 -1.40FE-02 -5.99E-02 -4.99E 0.0 145.2 9.90E-01 6.65 -1.40FE-02 -5.99E-02 -4.99E 0.0 145.3 9.90E-01 6.65 -1.40FE-02 -5.99E-02 -4.99E 0.0 145.4 9.90E-01 6.65 -1.40FE-02 -5.99E-02 -4.99E 0.0 145.5 9.90E-01 6.65 -1.40FE-02 -5.99E-02 -4.99E 0.0 145.6 9.90E-01 6.65 -1.40FE-02 -5.99E-02 -4.99E 0.0 145.7 9.90E-01 6.65 -1.40FE-02 -5.99E-02 -4.99E 0.0 145.8 9.90E-01 6.65 -1.40FE-02 -5.99E-02 -4.99E 0.0 145.9 9.90E-01 6.65 -1.40FE-02 -5.99E-02 -4.99E 0.0 145.9 9.90E-01 6.65 -1.40FE-02 -5.99E-02 -4.99E 0.0 145.9 9.90E-01 6.65 -1.40FE-02 -4.99E 0.0	12.800	0-0	345.2		3		-5.910F-02			-4.249F-01	- I-AOIE
0.0 345.1 9.90E-01 6.65 -1.541E-02 5.787E-02 4.498E U.2 0.0 345.2 9.90E-01 6.65 -1.407E-02 5.937E-02 4.498E U.2 0.0 345.1 9.90E-01 6.65 -1.407E-02 5.937E-02 4.498E U.2 0.0 345.1 9.90E-01 6.65 -1.407E-02 5.937E-02 4.498E U.2 0.0 345.1 9.90E-01 6.65 -1.407E-02 5.937E-02 4.499E U.2 0.0 345.3 9.90E-01 6.65 -1.407E-02 5.937E-02 5	12.900	0-0	345.2		4	-1.5316-02	-5.784F-02	4		-4.667F-01	
0.0 345.3 9.483E-01 6.66 -1.590E-02 -5.421E-02 4.491E U2 0.0 345.1 9.491E-01 6.65 -1.492E-02 5.991E-02 4.491E U2 0.0 345.1 9.491E-01 6.65 -1.492E-02 5.991E-02 4.491E U2 0.0 345.1 9.491E-01 6.65 -1.492E-02 5.991E-02 4.491E U2 0.0 345.1 9.491E-01 6.65 -1.492E-02 5.992E-02 4.491E U2 0.0 345.1 9.491E-01 6.65 -1.493E-02 5.992E-02 4.491E U2 0.0 345.2 9.902E-01 6.46 -1.4492E-02 5.992E-02 4.492E U2 0.0 345.3 9.902E-01 6.45 -1.4492E-02 5.993E-02 4.492E U2 0.0 345.3 9.902E-01 6.47 -1.453E-02 5.993E-02 4.492E U2 0.0 345.3 9.902E-01 6.47 -1.453E-02 5.963E-02 4.492E U2 0.0 345.3 9.902E-01 6.47 -1.453E-02 5.963E-02 4.492E U2 0.0 345.3 9.902E-01 6.47 -1.453E-02 5.963E-02 4.492E U2 0.0 345.3 9.902E-01 6.40 -1.444E-02 5.963E-02 4.492E U2 0.0 345.4 9.903E-01 6.40 -1.444E-02 5.963E-02 4.492E U2 0.0 345.4 9.903E-01 6.40 -1.444E-02 5.963E-02 1.496E-02	13.000	0.0	345.1		6.65	-1.541E-02	-5.787E-02	93E		-4.696E-01	-1.764E
0.0 345.2 9.901E-01 6.67 -1611E-02 -5.901E-02 4.491E 0.2 0.0 345.1 9.916E-01 6.65 -1.407E-02 -5.915E-02 4.491E 0.2 0.0 345.3 9.901E-01 6.65 -1.407E-02 -5.915E-02 4.491E 0.2 0.0 345.3 9.901E-01 6.65 -1.407E-02 -5.915E-02 4.491E 0.2 0.0 345.3 9.901E-01 6.67 -1.529E-02 -5.915E-02 4.491E 0.2 0.0 345.2 9.903E-01 6.67 -1.529E-02 -5.916E-02 4.491E 0.2 0.0 345.2 9.903E-01 6.67 -1.529E-02 3.091E 0.2 0.0 345.2 9.903E-01 6.67 -1.529E-02 3.091E 0.2 0.0 345.2 9.903E-01 6.60 0.0 345.2 9.903E-01 6.60 0.0 345.2 9.903E-01 6.60 0.0 345.2 9.903E-01 6.60 0.0 345.2 9.903E-01 7.17 1.1002E-02 3.091E 0.2 3.091E 0.2 0.0 345.2 9.903E-01 7.17 1.1002E-02 3.091E 0.2 3.	13.100	0.0	345.3	9-8936-01	99-9	-1.580E-02	-5.421E-02	38E		-4.817E-01	-1.652E
0.0 345.1 9.916E-01 6.65 -1.402E-02 -5.997E-02 4.497E 0.2 0.0 345.1 9.916E-01 6.65 -1.403E-02 -5.997E-02 4.497E 0.2 0.0 345.1 9.911E-01 6.65 -1.403E-02 -5.996E-02 4.497E 0.2 0.0 345.1 9.911E-01 6.65 -1.403E-02 -5.996E-02 4.497E 0.2 0.0 345.1 9.911E-01 6.65 -1.403E-02 -5.996E-02 4.497E 0.2 0.0 345.1 9.910E-01 6.65 -1.403E-02 -5.996E-02 4.497E 0.2 0.0 345.3 9.906E-01 6.65 -1.346E-02 -5.996E-02 4.497E 0.2 0.0 345.3 9.906E-01 6.65 -1.346E-02 -5.997E-02 4.497E 0.2 0.0 345.3 9.900E-01 6.65 -1.346E-02 -5.997E-02 4.497E 0.2 0.0 345.3 9.900E-01 6.65 -1.357E-02 -5.997E-02 4.497E 0.2 0.0 345.3 9.900E-01 6.65 -1.416E-02 -5.497E-02 4.497E 0.2 0.0 345.3 9.900E-01 6.65 -1.416E-02 -5.497E-01 4.497E 0.2 0.0 345.4 9.937E-01 3.497E 0.0 4.417E 0.2 0.0 345.4 9.937E-01 3.497E 0.0 3.034E-01 3.497E 0.0 3.034E-02 3.497E 0.0 3.497E-02 3.497E 0.0 3.497E-02 3.497E-02 3.497E 0.0 3.497E-02 3.497E 0.0 3.497E-02	13.200	0.0	345.2	9-901E-01	6.67	-1.614E-02	-5.901E-02	916		-4.9196-01	-1. 799E
0.0 345.1 9.914E-01 6.65 -1.407E-02 5.918E-02 4.497E 02 0.0 345.1 9.914E-01 6.65 -1.407E-02 5.918E-02 4.496E 02 0.0 345.1 9.911E-01 6.65 -1.508E-02 5.918E-02 4.495E 02 0.0 345.1 9.911E-01 6.65 -1.403E-02 5.918E-02 4.495E 02 0.0 345.2 9.903E-01 6.65 -1.403E-02 5.918E-02 4.495E 02 0.0 345.2 9.903E-01 6.65 -1.403E-02 5.918E-02 4.495E 02 0.0 345.2 9.903E-01 6.67 -1.529E-02 5.918E-02 4.495E 02 0.0 345.2 9.903E-01 6.67 -1.529E-02 5.918E-02 4.495E 02 0.0 345.2 9.909E-01 6.67 -1.529E-02 5.918E-02 4.495E 02 0.0 345.2 9.909E-01 6.67 -1.529E-02 5.617E-02 4.495E 02 0.0 345.2 9.909E-01 6.67 -1.529E-02 5.617E-02 4.496E 02 0.0 345.2 9.909E-01 6.69 -1.518E-02 5.617E-02 4.496E 02 0.0 345.3 9.900E-01 6.90 -1.231E 00 5.031E 00 5.731E 02 0.0 345.3 9.900E-01 7.33 2.029E 00 -1.331E-02 3.909E 02 1.0 00 344.0 8.520E-01 8.25 2.057E 00 -4.637E-02 3.909E 02 1.0 00 344.0 8.520E-01 8.25 2.057E 00 -4.637E-02 4.004E 02 1.0 00 344.0 8.520E-01 8.25 2.057E 00 -5.539E-02 4.004E 02 1.0 00 344.0 8.520E-01 8.25 2.057E 00 -5.539E-02 4.004E 02 1.0 00 344.0 8.932E-01 9.75 2.058E 00 -5.539E-02 4.004E 02 2.0 00 344.0 8.932E-01 9.75 2.058E 00 -5.539E-02 4.005E 02 2.0 00 344.0 8.932E-01 9.75 2.058E 00 -5.539E-02 4.005E 02 2.0 00 344.0 8.932E-01 9.75 2.058E 00 -5.539E-02 4.005E 02 2.0 00 344.0 8.932E-01 9.75 2.058E 00 -5.039E-02 4.005E 02 2.0 00 344.0 8.932E-01 9.75 2.058E 00 -5.039E-02 4.005E 02 2.0 00 344.0 8.932E-01 9.75 2.058E 00 -5.039E-02 4.005E 02 2.0 00 344.0 8.932E-01 9.75 2.058E 00 -5.039E-02 4.00	13.300	0.0	345.1		6.65	-1.482E-02	-5.957E-02	98E		-4.516E-01	-1.816E
0.0 345.1 9.912E-01 6.65 -1.598E-02 -5.991E-02 4.495E 0.2 0.0 345.1 9.910E-01 6.65 -1.568E-02 -5.995E-02 4.495E 0.2 0.0 345.1 9.910E-01 6.65 -1.568E-02 -5.995E-02 4.495E 0.2 0.0 345.2 9.901E-01 6.65 -1.407E-02 -5.995E-02 4.495E 0.2 0.0 345.3 9.910E-01 6.65 -1.407E-02 -5.995E-02 4.495E 0.2 0.0 345.3 9.910E-01 6.65 -1.535E-02 -5.958E-02 4.495E 0.2 0.0 345.3 9.910E-01 6.65 -1.535E-02 -5.958E-02 4.495E 0.2 0.0 345.3 9.905E-01 6.65 -1.535E-02 -5.958E-02 4.495E 0.2 0.0 345.3 9.905E-01 6.65 -1.535E-02 -5.958E-02 4.495E 0.2 0.0 345.3 9.905E-01 6.65 -1.535E-02 -5.617E-02 4.495E 0.2 0.0 345.3 9.905E-01 6.65 -1.535E-02 -5.617E-02 4.495E 0.2 0.0 0.0 345.3 9.905E-01 6.65 -1.535E-02 -5.617E-02 4.495E 0.2 0.0 0.0 345.3 9.905E-01 6.65 -1.517E-02 -5.617E-02 4.495E 0.2 0.0 0.0 345.3 9.905E-01 6.65 -1.517E-02 -5.617E-02 4.495E 0.2 0.0 0.0 345.3 9.905E-01 6.65 -1.517E-02 -5.617E-02 4.495E 0.2 0.0 0.0 345.3 9.905E-01 6.65 -1.517E-02 -5.617E-02 4.495E 0.2 0.0 0.0 345.3 9.905E-01 6.65 -1.517E-02 -5.617E-02 4.495E 0.2 0.0 0.0 345.3 9.905E-01 6.65 -1.517E-02 -5.617E-02 4.495E 0.2 0.0 0.0 345.3 9.905E-01 6.65 -1.517E-02 -5.617E-02 4.495E 0.2 0.0 0.0 0.0 345.3 9.905E-01 6.65 -1.517E-02 -5.617E-02 4.495E 0.2 0.0 0.0 0.0 345.3 9.905E-01 7.33 2.025E 00 1.905E 0.2 1.905E 0.2 0.0 0.0 0.0 345.3 9.905E-01 7.33 2.025E 00 -5.796E-02 3.905E 0.2 1.5005 9.0 0.0 0.0 0.0 345.3 9.905E-01 7.33 2.055E 00 -5.796E-02 3.905E 0.2 1.5005 9.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	13.400	0.0	345.1		. 6.65	-1.407E-02	-5.815E-02	97E		-4.290E-01	-1.772E
0.0 345.2 9.9066-01 6.64 -1.4996-02 -5.9566-02 4.4998 u.2 0.0 345.1 9.9186-01 6.64 -1.4636-02 -5.9566-02 4.4956 u.2 0.0 345.2 9.9036-01 6.64 -1.4636-02 -5.9566-02 4.4956 u.2 0.0 345.3 9.9106-01 6.67 -1.4536-02 -5.9566-02 4.4956 u.2 0.0 345.3 9.9036-01 6.67 -1.4556-02 -5.9566-02 4.4956 u.2 0.0 345.3 9.9036-01 6.67 -1.4556-02 -5.9566-02 4.4956 u.2 0.0 345.3 9.9036-01 6.67 -1.4556-02 -5.6106-02 4.4956 u.2 0.0 345.3 9.9006-01 6.67 -1.5566-02 -5.6106-02 4.4966 u.2 0.0 345.3 9.9006-01 6.67 -1.5566-02 -5.6106-02 4.4966 u.2 0.0 345.3 9.9006-01 6.66 -1.4566-02 -5.6106-02 4.4966 u.2 0.0 345.3 9.9006-01 6.60 0.4766-02 -5.6106-02 4.4966 u.2 0.0 345.3 9.9006-01 6.60 0.4766-02 -5.6106-02 4.4966 u.2 0.0 345.4 9.9006-01 6.60 0.4766-02 -5.6106-02 4.4966 u.2 0.0 345.4 9.9006-01 6.60 0.4766-01 3.6966 u.2 0.0 345.5 9.9006-01 6.60 0.4766-01 3.6966 u.2 0.0 0.0 345.9 9.1066-01 7.32 2.0636 u.2 0.0 0.0 345.9 9.1066-01 7.68 2.0576 u.2 0.0 0.0 345.9 9.1066-01 8.56 2.0576 u.2 0.0 0.0 345.0 9.1326-01 9.75 05.7966-02 3.7916 u.2 0.0 0.0 345.0 9.1326-01 9.79 2.0576 u.2 0.0 0.0 345.0 0.4006 u.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	13.500	0.0	345.1	×	6.65	-1.598E-02	-5.914E-02	39E	2.027E 02	-4.870E-01	-1.803E
0.0 345.1 9,911E-01 6.65 -1.568E-02 -5.996E-02 4.495E U2 0.0 345.3 9,910E-01 6.64 -1.407E-02 -5.996E-02 4.495E U2 0.0 345.3 9,910E-01 6.65 -1.407E-02 -5.996E-02 4.495E U2 0.0 345.3 9,910E-01 6.65 -1.345E-02 -5.986E-02 4.495E U2 0.0 345.3 9,902E-01 6.67 -1.529E-02 -5.917E-02 4.495E U2 0.0 345.2 9,903E-01 6.67 -1.529E-02 -5.617E-02 4.496E U2 0.0 345.2 9,903E-01 6.67 -1.529E-02 -5.617E-02 4.496E U2 0.0 345.2 9,903E-01 6.67 -1.539E-02 -5.617E-02 4.496E U2 0.0 345.3 9,903E-01 6.67 -1.539E-02 -5.617E-02 4.496E U2 0.0 345.3 9,903E-01 6.67 -1.539E-02 -5.476E-02 4.496E U2 0.0 345.3 9,903E-01 6.67 -1.539E-01 3.499E U2 0.0 345.3 9,903E-01 6.67 -3.549E-03 6.425E-01 4.492E U2 0.0 345.3 9,903E-01 6.67 -3.549E-03 3.034E U2 0.0 345.3 9,903E-01 6.67 -3.549E-03 3.034E U2 0.0 345.4 9,903E-01 6.67 -3.549E-01 3.499E U2 0.0 345.4 9,903E-01 6.67 -3.549E-01 3.499E U2 0.0 344.7 9,510E-01 6.69 -1.51E U2 0.0 345.8 9,510E-01 7.17 1.51E U2 0.0 345.9 9,117E-01 7.3 2.039E U1 1.496E U2 0.0 345.9 9,117E-01 7.3 2.039E U1 1.490E U2 0.0 345.9 9,106E-01 7.68 2.054E U1 -4.497E-02 3.791E U2 0.0 345.9 9,106E-01 7.68 2.054E U1 -4.497E-02 3.791E U2 0.0 345.0 9,400 9,400 9,106E-01 7.50 7.005E U2 0.0 345.0 9,400 9,106E-01 7.50 7.057E U2 0.0 345.0 9,400 9,400 0.0 9,400 0.0 9,400 0.0 9,400 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	13.600	0.0	345.2	9.906E-01	19.9	-1.499E-02	-5.956E-02			-4.569E-01	-1.815E
0.0 345.1 9.910E-01 6.64 -1.434E-02 -5.998E-02 4.495E 0.2 0.0 345.3 9.903E-01 6.65 -1.344E-02 -5.948E-02 4.495E 0.2 0.0 345.3 9.910E-01 6.67 -1.559E-02 -5.948E-02 4.495E 0.2 0.0 345.3 9.900E-01 6.67 -1.559E-02 -5.649E-02 4.495E 0.2 0.0 345.2 9.903E-01 6.67 -1.559E-02 -5.616E-02 4.495E 0.2 0.0 345.3 9.900E-01 6.67 -1.559E-02 -5.616E-02 4.495E 0.2 0.0 0.0 345.3 9.910E-01 6.67 -1.559E-02 -5.616E-02 4.495E 0.2 0.0 0.0 345.4 9.900E-01 6.69 1.231E 0.0 3.084E 0.0 4.415E 0.2 0.0 0.0 345.4 8.931E-01 6.90 1.231E 0.0 3.084E 0.0 4.182E 0.2 0.0 0.0 345.4 8.931E-01 6.90 1.231E 0.0 3.084E 0.0 4.182E 0.0 0.0 3.084E 0.0 3.084E 0.0 3.084E 0.0 3.084E 0.0 3.084E 0.0 3.084E 0.0 3.900E 0.0 3	13.700	0.0	345.1	4	6.65	-1.568E-02	-5.990E-02			-4.779E-01	-1.826E
0.0 345.2 9,903E-01 6.65 -1,407E-02 -5,918E-02 4,495E 0.2 0.0 345.3 9,910E-01 6.67 -1,359E-02 -5,956E-02 4,495E 0.2 0.0 345.3 9,910E-01 6.67 -1,359E-02 -5,656E-02 4,496E 0.2 0.0 345.3 9,900E-01 6.67 -1,559E-02 -5,617E-02 4,490E 0.2 0.0 345.3 9,900E-01 6.67 -1,559E-02 -5,617E-02 4,490E 0.2 0.0 345.3 9,900E-01 6.67 -1,559E-02 -5,617E-02 4,490E 0.2 0.0 345.3 9,900E-01 6.66 -1,416E-02 -5,617E-02 4,490E 0.2 0.0 345.3 9,900E-01 6.67 -1,559E-02 -5,617E-02 4,490E 0.2 0.0 345.3 9,900E-01 6.67 -1,559E-02 -5,617E-02 4,490E 0.2 0.0 0.3 345.3 9,900E-01 6.67 -1,550E-01 3,499E 0.0 4,415E 0.2 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3 0.3	13.800	0.0	345.1		***	-1.483E-02	-5.998E-02			-4.520E-01	-1.828E
0.0 345.3 9.910E-01 6.66 -1.344E-02 -5.858E-02 4.495E 0.2 0.0 345.2 9.895E-01 6.67 -1.558E-02 -5.175E-02 4.495E 0.2 0.0 345.2 9.895E-01 6.67 -1.558E-02 -5.475E-02 4.496E 0.2 0.0 345.2 9.911E-01 6.66 -1.416E-02 -5.475E-02 4.496E 0.2 0.0 345.2 9.911E-01 6.67 -3.596E-03 6.425E-01 4.495E 0.2 0.20 344.7 9.737E-01 6.68 2.81E-01 4.497E 0.0 0.200 344.7 9.720E-01 6.68 2.81E-01 3.499E 0.0 4.415E 0.2 0.500 344.4 8.931E-01 6.90 1.211E 00 3.091E 00 4.181E 0.2 0.500 344.4 8.931E-01 6.90 1.211E 00 3.091E 00 3.920E 0.2 0.500 344.4 8.931E-01 7.02 1.523E-01 3.091E 00 3.713E 0.2 0.500 344.9 8.352E-01 7.02 1.523E 00 -4.539E-02 3.691E 0.2 1.000 343.9 8.352E-01 7.86 2.059E 00 -4.599E-02 3.691E 0.2 1.500 344.0 8.350E-01 8.22 2.059E 00 -4.599E-02 3.691E 0.2 1.500 344.0 8.350E-01 8.50 2.057E 00 -4.293E-02 3.691E 0.2 1.500 344.0 8.350E-01 8.22 2.059E 00 -4.293E-02 3.691E 0.2 1.500 344.0 8.350E-01 8.20 2.057E 00 -5.359E-02 4.005E 0.2 1.500 344.0 8.592E-01 9.09 2.057E 00 -5.359E-02 4.005E 0.2 1.500 344.0 8.592E-01 9.09 2.059E 00 -4.293E-02 4.005E 0.2 2.000 343.9 8.957E-01 9.09 2.059E 00 -4.293E-02 4.005E 0.2 2.000 343.9 8.957E-01 9.09 2.059E 00 -5.356E-02 4.055E 0.2 2.000 343.9 8.957E-01 9.09 2.056E 00 -5.356E-02 4.055E 0.2 2.000 343.9 8.958E-01 0.056E 00 -5.356E-02 4.055E 0.2 2.000 344.0 8.958E-01 0.056E 00 -5.356E-02 4.055E 0.2 2.000 344.0 8.958E-01 0.056E 00 -5.356E-02 4.055E 0.2 2.000 345.0 8.958E-01 0.056E 00 -5.356E-02 4.055E 0.2 2.000 34	13.900	0.0	345.2		6.65	-1.407E-02	-5.918E-02			-4.290E-01	-1.804E
0.0 345.3 9.895E-01 6.67 -1.455E-02 -5.775E-02 4.485E 02 0.0 345.2 9.903E-01 6.67 -1.529E-02 -5.549E-02 4.490E 02 0.0 345.2 9.903E-01 6.66 -1.51E-02 -5.549E-02 4.490E 02 0.0 345.2 9.903E-01 6.66 -1.51E-02 -5.416E-02 4.490E 02 0.0 345.2 9.913E-01 6.66 -1.51E-02 -5.416E-02 4.490E 02 0.10 344.9 9.734E-01 6.66 2.891E-01 4.827E 00 4.415E 02 0.200 344.0 9.734E-01 6.73 6.766E-01 3.199E 00 4.415E 02 0.500 344.1 8.632E-01 6.79 6.76E-01 3.199E 00 4.152E 02 0.500 344.1 8.632E-01 7.02 1.521E 00 3.034E 00 4.051E 02 0.500 344.1 8.632E-01 7.02 1.521E 00 3.034E 00 3.732E 02 0.500 344.1 8.632E-01 7.33 2.029E 00 1.496E 00 3.713E 02 0.500 344.0 8.132E-01 7.52 2.053E 00 -1.496E-02 3.692E 02 1.000 345.9 8.152E-01 7.55 2.053E 00 -1.496E-02 3.692E 02 1.000 345.9 8.152E-01 7.66 2.054E 00 -4.634E-02 3.692E 02 1.000 344.0 8.697E-01 8.75 2.057E 00 -4.634E-02 3.692E 02 1.500 344.0 8.697E-01 8.75 2.057E 00 -4.634E-02 3.692E 02 1.500 344.0 8.697E-01 8.75 2.057E 00 -4.634E-02 3.692E 02 1.500 344.0 8.697E-01 8.75 2.055E 00 -4.634E-02 3.692E 02 1.500 344.0 8.697E-01 9.99 2.057E 00 -5.796E-02 4.005E 02 2.000 344.0 8.957E-01 9.99 2.055E 00 -5.796E-02 4.055E 02 2.000 344.0 8.957E-01 9.99 2.055E 00 -5.796E-02 4.055E 02 2.000 344.0 8.957E-01 9.99 2.055E 00 -5.796E-02 4.055E 02 2.000 344.0 8.95E-01 9.99 2.055E 00 -5.796E-02 4.055E 02 2.000 344.0 8.95E-01 9.99 2.055E 00 -5.796E-02 4.055E 02 2.000 344.0 8.95E-01 9.99 2.055E 00 -5.796E-02 4.055E 02 2.000 344.0 8.95E-01 9.99 2.055E 00 -5.796E-02 4.055E 02 2.000 344.0 8.95E-01 9.99 2.055E 00 -5.796E-02 4.055E 02 2.000 344.0 8.95E-01 9.99 2.055E 00 -5.796E-02 4.055E 02 2.000 344.0 8.95E-01 9.99 2.055E 00 -5.796E-02 4.055E 02 2.000 344.0 8.95E-01 9.99 2.055E 00 -5.796E-02 4.055E 02 2.000 344.0 8.95E-01 9.99 2.055E 00 -5.796E-02 4.055E 02 2.000 345.0 8.95E-01 9.99 2.055E 00 -5.796E-02 4.055E 02 2.000 345.0 8.95E-01 9.99 2.055E 00 -5.796E-02 4.055E 02 2.000 345.0 8.95E-01 9.99 2.055E 00 -5.796E-02 4.055E 02 2.000 345.0 9.99E-01 9.09 2.056E 00 -5.796E-02 4.055E 02 2.000 345.0 9.99E-01 9.09 2.055E 00 -5.796E-0	14.000	0.0	345.3	-30	3.0	-1.3446-02	-5.858E-02			-4.096E-01	-1.786E
0.0 345.2 9.903E-01 6.67 -1.558E-02 -5.569E-02 4.492E 0.2 0.0 345.2 9.909E-01 6.66 -1.518E-02 -5.610E-02 4.490E 0.2 0.0 0.0 345.2 9.909E-01 6.66 -1.518E-02 -5.610E-02 4.490E 0.2 0.0 0.0 345.2 9.901E-01 6.66 -1.416E-02 -5.476E-02 4.490E 0.2 0.10 0.10 344.9 9.73E-01 6.66 -1.416E-02 -5.476E-02 4.490E 0.2 0.10 0.20 344.4 9.903E-01 6.68 2.891E-01 3.499E 00 4.415E 0.2 0.20 0.344.4 9.73E-01 3.496E-01 3.499E 00 4.415E 0.2 0.300 344.4 9.220E-01 6.70 0.700 344.4 9.220E-01 7.02 1.521E 00 3.094E 00 4.415E 0.2 0.200 344.4 8.93E-01 7.02 1.521E 00 3.094E 00 4.091E 0.2 0.500 344.4 8.93E-01 7.02 1.521E 00 3.094E 00 3.734E 0.2 0.500 344.4 8.93E-01 7.02 1.521E 00 3.094E 00 3.734E 0.2 0.500 344.4 8.93E-01 7.02 1.521E 00 3.094E 00 3.794E 0.2 0.500 344.9 8.106E-01 7.52 2.063E 00 -1.332E-01 3.692E 0.2 1.500 344.0 8.152E-01 7.68 2.054E 00 -4.679E-02 3.692E 0.2 1.500 344.0 8.550E-01 8.20 2.054E 00 -4.679E-02 3.692E 0.2 1.500 344.0 8.550E-01 8.39 2.057E 00 -4.532E-02 3.692E 0.2 1.500 344.0 8.550E-01 8.39 2.057E 00 -5.796E-02 3.695E 0.2 1.500 344.0 8.532E-01 8.39 2.057E 00 -5.796E-02 3.695E 0.2 1.500 344.0 8.532E-01 8.39 2.057E 00 -5.796E-02 4.006E 0.2 1.500 344.0 8.532E-01 8.39 2.057E 00 -5.796E-02 4.006E 0.2 2.007E 0.2 1.500 343.9 8.967E-01 9.99 2.057E 00 -5.992E-02 4.006E 0.2 2.007E 0.2 2.007E 0.2 2.057E 00 -5.992E-02 4.006E 0.2 2.007E 0.2 2.005E 0.2 2.007E 0.2 2.005E 0.2 2.007E 0.2 2.007E 0.2 2.007E 0.2 2.007E 0.2 2.007E 0.2 2.007E 0.2 2.005E 0.2 2.007E 0.2 2.005E 0.2 2.007E 0.2 2.005E 0.2 2.00	001-+1	0.0	345.3	-	6.67	-1.4556-02	-5.775E-02			-4.436E-01	-1.76 OE
0.0 345.2 9.899E-01 6.67 -1.558E-02 -5.617E-02 4.490E 02 0.0 345.3 9.890E-01 6.66 -1.518E-02 -5.617E-02 4.490E 02 0.0 345.3 9.900E-01 6.66 -1.416E-02 -5.610E-02 4.490E 02 0.0 345.3 9.900E-01 6.67 3.896E-03 6.425E-01 4.492E 02 0.100 344.9 9.734E-01 6.68 2.891E-01 4.827E 00 4.415E 02 0.200 344.7 9.2510E-01 6.73 6.768E-01 3.499E 00 4.185E 02 0.300 344.6 9.250E-01 6.90 1.251E 00 3.094E 00 4.051E 02 0.500 344.4 8.931E-01 7.02 1.523E 00 3.094E 00 4.051E 02 0.500 344.1 8.643E-01 7.07 1.57E 00 3.094E 00 3.734E 02 0.500 344.1 8.645E-01 7.32 2.029E 00 1.496E 00 3.734E 02 0.500 344.0 8.362E-01 7.52 2.063E 00 -1.335E-01 3.696E 02 1.000 343.9 8.106E-01 7.52 2.054E 00 -4.679E-02 3.696E 02 1.000 343.9 8.256E-01 8.04 2.054E 00 -4.679E-02 3.696E 02 1.000 344.0 8.350E-01 8.22 2.057E 00 -4.679E-02 3.696E 02 1.400 344.0 8.350E-01 8.76 2.057E 00 -4.634E-02 3.696E 02 1.500 344.0 8.350E-01 8.76 2.057E 00 -5.796E-02 3.696E 02 1.500 344.0 8.350E-01 8.76 2.057E 00 -5.796E-02 3.696E 02 1.500 344.0 8.350E-01 8.76 2.057E 00 -5.796E-02 3.696E 02 1.500 344.0 8.350E-01 9.79 2.057E 00 -5.796E-02 3.696E 02 2.000 344.0 8.350E-01 9.70 2.057E 00 -5.796E-02 3.696E 02 2.000 344.0 8.350E-01 9.70 2.057E 00 -5.796E-02 4.006E 02 2.000 343.9 8.995E-01 9.70 2.057E 00 -5.956E-02 4.067E 02 2.000 343.9 8.995E-01 9.70 2.056E 00 -5.935E-02 4.067E 02 2.000 343.9 8.995E-01 9.70 2.056E 00 -5.935E-02 4.067E 02 2.200 343.9 8.995E-01 9.70 2.056E 00 -5.935E-02 4.055E 02 2.200 343.9 8.995E-01 9.70 2.056E 00 -5.935E-02 4.055E 02 2.200 343.9 8.995E-01 9.70 2.056E 00 -5.935E-02 4.055E 02 2.200 343.9 8.995E-01 9.70 2.056E 00 -5.935E-02 4.055E 02 2.200 343.9 8.995E-01 9.70 2.056E 00 -5.935E-02 4.055E 02 2.200 343.9 8.995E-01 9.70 2.056E 00 -5.935E-02 4.055E 02 2.200 343.9 8.995E-01 9.70 2.056E 00 -5.935E-02 4.055E 02 2.200 343.9 8.995E-01 9.70 2.056E 00 -5.935E-02 4.055E 02 2.200 343.9 8.995E-01 9.70 2.056E 00 -5.935E-02 4.055E 02 2.200 345.0 8.905E-01 9.70 2.056E 00 -5.935E-02 4.055E 02 2.200 345.0 8.905E-01 9.90 2.055E 00 -5.935E-02 4.055E 02 2.200 345.0 8.905E-01 9.00 2	14.200	0.0	345.2	-	6.67	-1.529E-02	-5.569E-02			-4.661E-01	-1.698E
0.0 345.3 9.900E-01 6.66 -1.511E-02 -5.610E-02 4.490E 02 0.0 345.2 9.911E-01 6.65 -1.416E-02 -5.610E-02 4.490E 02 0.0 344.9 9.734E-01 6.68 2.891E-01 4.827E 00 4.415E 02 0.100 344.9 9.734E-01 6.73 6.768E-01 3.499E 00 4.415E 02 0.200 344.6 9.220E-01 6.70 9.672E-01 3.199E 00 4.181E 02 0.500 344.6 9.220E-01 6.90 9.672E-01 3.199E 00 4.181E 02 0.500 344.1 8.643E-01 7.02 1.521E 00 3.034E 00 4.181E 02 0.500 344.1 8.643E-01 7.02 1.521E 00 3.034E 00 3.920E 02 0.500 344.1 8.643E-01 7.33 2.029E 00 1.496E 00 3.713E 02 0.500 344.0 8.18E-01 7.32 2.029E 00 1.496E 00 3.713E 02 0.500 344.0 8.18E-01 7.52 2.051E 00 -1.332E-01 3.681E 02 1.000 343.9 8.18E-01 7.68 2.051E 00 -4.532E-02 3.691E 02 1.200 344.0 8.50E-01 8.39 2.057E 00 -4.532E-02 3.731E 02 1.500 344.0 8.50E-01 8.39 2.057E 00 -4.532E-02 3.791E 02 1.500 344.0 8.50E-01 8.73 2.055E 00 -4.532E-02 3.791E 02 1.500 344.0 8.50E-01 8.73 2.055E 00 -4.532E-02 4.006E 02 1.500 344.0 8.50E-01 8.73 2.055E 00 -5.150E-02 3.791E 02 1.500 344.0 8.50E-01 8.73 2.057E 00 -5.150E-02 3.791E 02 1.500 344.0 8.50E-01 8.73 2.055E 00 -5.150E-02 4.006E 02 1.500 344.0 8.50E-01 9.99 2.057E 00 -5.150E-02 4.006E 02 2.000 343.9 8.99E-01 9.43 2.056E 00 -5.055E-02 4.067E 02 2.000 343.9 8.99E-01 9.43 2.056E 00 -5.055E-02 4.067E 02 2.000 343.9 8.99E-01 0.599E-02 4.067E 02 2.000 343.9 8.99E-01 0.599E-02 4.067E 02 2.000 344.0 8.99E-01 0.599E-02 4.067E 02 2.000 343.9 8.99E-01 0.599E-02 4.067E 02 2.000 343.9 8.99E-01 0.599E-02 4.067E 02 2.000 344.0 8.99E-01 0.599E-02 4.067E 02 2.000 344.0 8.99E-01 0.599E-02 4.065E 02 2.000 345.0 8.99	14.300	0.0	345.2	9.899E-01	19.9	-1.558E-02	-5.617E-02			-4.748E-01	-1.712F
0.00 345.2 9.911E-01 6.66 -1.416E-02 -5.476E-02 4.496E U2 0.00 344.7 9.734E-01 6.67 3.596E-01 4.6275E-01 4.495E U2 0.100 344.7 9.734E-01 6.73 6.768E-01 3.499E U0 4.314E U2 0.200 344.7 9.510E-01 6.73 6.768E-01 3.499E U0 4.314E U2 0.300 344.6 9.220E-01 6.70 1.251E U0 3.499E U0 4.314E U2 0.500 344.6 9.220E-01 6.70 1.251E U0 3.499E U0 4.182E U2 0.500 344.1 86.45E-01 7.17 1.802E U0 3.054E U0 3.793E U2 0.500 343.8 8.362E-01 7.37 1.802E U0 3.054E U0 3.793E U2 0.700 343.9 8.362E-01 7.32 2.029E U0 1.496E U0 3.793E U2 1.000 343.9 8.152E-01 7.86 2.054E U0 -6.796E-02 3.698E U2 1.000 343.9 8.226E-01 7.86 2.055E U0 -6.796E-02 3.787E U2 1.200 344.0 8.350E-01 8.04 2.056E U0 -6.796E-02 3.787E U2 1.400 344.0 8.510E-01 8.39 2.057E U0 -5.238E-02 3.787E U2 1.500 344.0 8.526E-01 8.78 2.055E U0 -6.538E-02 3.787E U2 1.500 344.0 8.526E-01 8.79 2.057E U0 -5.536E-02 3.787E U2 1.500 344.0 8.536E-01 8.79 2.057E U0 -5.536E-02 3.787E U2 1.500 344.0 8.536E-01 8.79 2.057E U0 -5.556E-02 4.005E U2 1.500 344.0 8.536E-01 9.26 2.057E U0 -5.556E-02 4.005E U2 1.500 344.0 8.536E-01 9.20 2.057E U0 -5.556E-02 4.005E U2 2.000 343.9 8.957E-01 9.79 2.055E U0 -5.556E-02 4.005E U2 2.000 343.9 8.957E-01 9.79 2.055E U0 -5.556E-02 4.005E U2 2.000 343.9 8.957E-01 9.79 2.057E U0 -5.556E-02 4.005E U2 2.000 343.9 8.957E-01 9.79 2.057E U0 -5.556E-02 4.005E U2 2.000 343.9 8.962E-01 9.79 2.057E U0 -5.556E-02 4.005E U2 2.000 344.0 8.962E-01 9.79 2.057E U0 -5.556E-02 4.005E U2 2.000 344.0 8.962E-01 9.79 2.057E U0 -5.556E-02 4.005E U2 2.000 344.0 8.962E-01 9.79 2.057E U0 -5.556E-02 4.005E U2 2.000 344.0 8.962E-01 9.79 2.057E U0 -5.556E-02 4.005E U2 2.000 344.0 8.962E-01 9.79 2.057E U0 -5.555E-02 4.005E U2 2.000 344.0 8.962E-01 9.79 2.057E U0 -5.555E-02 4.005E U2 2.000 344.0 8.962E-01 9.79 2.057E U0 -5.555E-02 4.005E U2 2.000 344.0 8.962E-01 9.70 2.057E U0 -5.555E-02 4.005E U2 2.000 345.0 9.00 2.005E U0 -5.005E U0 -6.005E U2 2.000 345.0 9.00 2.005E U0 -6.005E	14.400	0.0	345.3	9.900E-01	9.0	-1.511E-02	-5.610E-02		2.030E 02	-4.607E-01	-1.710E
0.00 345.1 9.903E-01 6.67 -3.596E-03 6.425E-01 4.492E U2 0.100 344.9 9.734E-01 6.68 2.891E-01 4.857E U0 4.415E U2 0.300 344.6 9.220E-01 6.80 9.672E-01 3.199E U0 4.182E U2 0.300 344.6 9.220E-01 6.80 9.672E-01 3.199E U0 4.182E U2 0.400 344.1 8.632E-01 7.02 1.521E U0 3.084E U0 4.051E U2 0.500 343.8 8.362E-01 7.02 1.521E U0 3.084E U0 3.793E U2 0.500 343.8 8.362E-01 7.33 2.029E U0 1.496E U0 3.793E U2 0.900 343.9 8.132E-01 7.52 2.063E U0 -4.679E-02 3.677E U2 1.000 343.9 8.1226E-01 7.52 2.055E U0 -4.679E-02 3.787E U2 1.200 344.0 8.797E-01 8.04 2.056E U0 -4.679E-02 3.787E U2 1.500 344.0 8.50E-01 8.79 2.057E U0 -5.120E-02 3.787E U2 1.500 344.0 8.50E-01 8.79 2.057E U0 -5.120E-02 3.787E U2 1.500 344.0 8.51E-01 8.79 2.057E U0 -5.120E-02 3.787E U2 1.500 344.0 8.732E-01 8.79 2.057E U0 -5.120E-02 4.006E U2 1.600 344.0 8.832E-01 9.79 2.057E U0 -5.55E-02 4.006E U2 1.600 344.0 8.832E-01 9.79 2.057E U0 -5.55E-02 4.006E U2 1.600 344.0 8.8957E-01 9.79 2.057E U0 -5.55E-02 4.006E U2 2.000 343.9 8.957E-01 9.79 2.057E U0 -5.55E-02 4.067E U2 2.000 343.9 8.957E-01 9.79 2.057E U0 -5.55E-02 4.065E U2 2.000 343.9 8.957E-01 9.79 2.057E U0 -5.555E-02 4.065E U2 2.000 343.9 8.957E-01 9.79 2.057E U0 -5.555E-02 4.065E U2 2.000 343.9 8.957E-01 9.79 2.057E U0 -5.555E-02 4.065E U2 2.000 343.9 8.967E-01 9.79 2.055E U0 -5.555E-02 4.065E U2 2.000 343.9 8.967E-01 9.79 2.055E U0 -5.555E-02 4.065E U2 2.000 343.9 8.967E-01 9.79 2.055E U0 -5.555E-02 4.065E U2 2.000 343.9 8.967E-01 9.79 2.055E U0 -5.555E-02 4.065E U2 2.000 344.0 8.967E-01 9.79 2.055E U0 -5.555E-02 4.065E U2 2.000 343.9 8.967E-01 9.79 2.055E U0 -5.555E-02 4.065E U2 2.000 343.9 8.967E-01 9.79 2.055E U0 -5.555E-02 4.065E U2 2.000 344.0 8.967E-01 9.79 2.055E U0 -5.555E-02 4.065E U2 2.000 344.0 8.967E-01 9.70 2.055E U0 -5.555E-02 4.065E U2	14.500	0.0	345.2	9.91 1E-01	99.9	-1.416E-02	-5.476E-02		1000	-4.317E-01	-1.669E
0.200 344.9 9.7346-01 6.68 2.8916-01 4.827E 00 4.415E 0.2 0.200 344.7 9.510E-01 6.73 6.768E-01 3.099E 00 4.181E 0.2 0.300 344.4 8.231E-01 6.90 1.251E 00 3.094E 00 4.051E 0.2 0.400 344.4 8.231E-01 6.90 1.251E 00 3.094E 00 4.051E 0.2 0.500 343.8 8.362E-01 7.02 1.523E 00 3.094E 00 3.920E 0.2 0.500 343.8 8.186E-01 7.02 1.523E 00 3.094E 00 3.713E 0.2 0.500 343.9 8.186E-01 7.33 2.029E 00 1.496E 00 3.713E 0.2 1.000 343.9 8.186E-01 7.68 2.057E 00 -6.708E-02 3.69E 0.2 1.100 343.9 8.152E-01 7.86 2.057E 00 -4.679E-02 3.69E 0.2 1.200 344.0 8.550E-01 8.04 2.056E 00 -4.679E-02 3.69E 0.2 1.300 344.0 8.550E-01 8.73 2.057E 00 -5.796E-02 3.69E 0.2 1.500 344.0 8.550E-01 8.75 2.057E 00 -5.796E-02 3.69E 0.2 1.500 344.0 8.550E-01 8.75 2.057E 00 -5.796E-02 3.69E 0.2 1.500 344.0 8.610E-01 8.75 2.057E 00 -5.796E-02 3.69E 0.2 1.500 344.0 8.632E-01 8.75 2.057E 00 -5.796E-02 3.69E 0.2 1.500 344.0 8.892E-01 8.73 2.057E 00 -5.796E-02 4.065E 0.2 1.500 344.0 8.892E-01 9.20 2.057E 00 -5.595E-02 4.067E 0.2 2.000 343.9 8.957E-01 9.20 2.055E 00 -5.595E-02 4.067E 0.2 2.000 343.9 8.957E-01 9.74 2.056E 00 -5.595E-02 4.067E 0.2 2.000 344.0 8.952E-01 9.74 2.056E 00 -5.595E-02 4.067E 0.2 2.000 343.9 8.952E-01 9.74 2.056E 00 -5.595E-02 4.067E 0.2 2.000 344.0 8.952E-01 9.74 2.056E 00 -5.595E-02 4.067E 0.2 2.000 344.0 8.952E-01 9.74 2.056E 00 -5.595E-02 4.067E 0.2 2.000 344.0 8.952E-01 9.74 2.056E 00 -5.595E-02 4.067E 0.2 2.000 344.0 8.952E-01 9.74 2.056E 00 -5.595E-02 4.065E 0.2 2.000 344.0 8.952E-01 9.74 2.056E 00 -5.595E-02 4.065E 0.2 2.000 344.0 8.952E-01 9.595E-01 -5.055E-02 4.065E 0.2 2.000 344.0 8.952E-01 9.505E 00 -5.595E-02 4.065E 0.2 2.000 344.0 8.952E-01 9.595E-01 9.595E-02 4.065E 0.2 2.000 344.0 8.952E-01 9.595E-01 9.595E-02 4.065E 0.2 2.000 344.0 8.952E-01 9.595E-01 9.595E-02 4.065E-02 4	14.600	0.0	345.1	9.903E-01	6.67	-3.596E-03	6-425E-01		35000		1.958E
0.200 344.7 9.510E-01 6.73 6.768E-01 3.499E 00 4.314E 0.2 0.300 344.6 9.220E-01 6.80 9.672E-01 3.499E 00 4.314E 0.2 0.400 344.6 9.220E-01 6.80 9.672E-01 3.69E 00 3.081E 00 3.920E 0.2 0.500 344.1 8.643E-01 7.02 1.523E 00 3.084E 00 3.793E 0.2 0.500 343.8 8.362E-01 7.02 1.523E 00 3.084E 00 3.793E 0.2 0.500 343.8 8.186E-01 7.33 2.029E 00 1.496E 00 3.793E 0.2 0.500 343.9 8.106E-01 7.52 2.057E 00 -1.335E-02 3.69E 0.2 1.000 343.9 8.126E-01 7.86 2.056E 00 -4.679E-02 3.69E 0.2 1.200 344.0 8.350E-01 8.04 2.056E 00 -4.679E-02 3.69E 0.2 1.300 344.0 8.497E-01 8.39 2.057E 00 -5.796E-02 3.69E 0.2 1.500 344.0 8.610E-01 8.56 2.057E 00 -5.796E-02 3.961E 0.2 1.500 344.0 8.852E-01 8.73 2.058E 00 -4.576E-02 3.961E 0.2 1.500 344.0 8.892E-01 8.73 2.058E 00 -4.576E-02 4.065E 0.2 1.500 344.0 8.892E-01 9.20 2.057E 00 -5.556E-02 4.065E 0.2 2.000 343.9 8.957E-01 9.20 2.057E 00 -5.556E-02 4.065E 0.2 2.000 343.9 8.957E-01 9.20 2.057E 00 -5.595E-02 4.067E 0.2 2.000 343.9 8.957E-01 9.20 2.057E 00 -5.955E-02 4.067E 0.2 2.200 343.9 8.952E-01 9.20 2.057E 00 -5.595E-02 4.067E 0.2 2.200 344.0 8.952E-01 9.20 2.057E 00 -5.595E-02 4.067E 0.2 2.200 344.0 8.952E-01 9.74 2.056E 00 -5.595E-02 4.067E 0.2 2.200 344.0 8.952E-01 9.74 2.056E 00 -5.595E-02 4.067E 0.2 2.200 344.0 8.952E-01 9.74 2.056E 00 -5.595E-02 4.067E 0.2 2.200 344.0 8.952E-01 9.74 2.056E 00 -5.595E-02 4.067E 0.2 2.200 344.0 8.952E-01 9.74 2.056E 00 -5.595E-02 4.065E 0.2 2.200 344.0 8.952E-01 9.74 2.056E 00 -5.595E-02 4.065E 0.2 2.200 344.0 8.952E-01 9.74 2.056E 00 -5.595E-02 4.065E 0.2 2.200 344.0 8.952E-01 9.74 2.056E 00 -5.595E-02 4.065E 0.2 2.200 344.0 8.952E-01 9.506 0.2 2.200 344.0 8.952E-01 9.506 0.2 2.200 345.0 9.205E 00 -5.595E-02 4.065E 0.2 2.200 345.0 9.205E 00 -5.595E-02 4.065	14.700	0.100	344.9	L	99.9	2.8916-01			2.037E 02	8.813E 00	1.471E
0.300 344.6 9.220E-01 6.80 9.672E-01 3.199E 00 4.051E 02 0.6400 344.6 8.63E-01 7.17 1.802E 00 3.091E 00 4.051E 02 0.6500 344.1 8.643E-01 7.17 1.802E 00 3.091E 00 3.793E 02 0.6500 343.8 8.186E-01 7.17 1.802E 00 1.496E 00 3.793E 02 0.6900 344.0 8.192E-01 7.82 2.059E 00 1.496E 00 3.793E 02 1.000 343.9 8.102E-01 7.82 2.059E 00 -4.679E-02 3.698E 02 1.000 343.9 8.152E-01 7.86 2.055E 00 -4.679E-02 3.698E 02 1.200 344.0 8.226E-01 8.04 2.055E 00 -4.679E-02 3.698E 02 1.300 344.0 8.497E-01 8.39 2.057E 00 -5.634E-02 3.905E 02 1.400 344.0 8.692E-01 8.56 2.057E 00 -5.634E-02 3.905E 02 1.400 344.0 8.610E-01 8.56 2.057E 00 -5.634E-02 3.905E 02 1.600 344.0 8.610E-01 8.50 2.057E 00 -5.536E-02 3.905E 02 1.600 344.0 8.632E-01 8.79 2.057E 00 -5.536E-02 4.005E 02 1.600 344.0 8.892E-01 8.79 2.057E 00 -5.556E-02 4.005E 02 2.000 343.9 8.957E-01 9.20 2.057E 00 -5.556E-02 4.005E 02 2.000 343.9 8.957E-01 9.20 2.057E 00 -5.556E-02 4.005E 02 2.000 343.9 8.957E-01 9.20 2.057E 00 -5.556E-02 4.005E 02 2.000 343.9 8.957E-01 9.20 2.057E 00 -5.595E-02 4.005E 02 2.000 343.9 8.952E-01 9.20 2.057E 00 -5.055E-02 4.005E 02 2.000 343.9 8.952E-01 9.00 5.005E 02 4.005E 02 4.005E 02 2.000 343.9 8.952E-01 9.00 5.005E 00 -5.005E-02 4.005E 02 2.000 343.9 8.952E-01 9.00 5.005E 02 4.005E 02 4.005E 02 2.000 343.9 8.952E-01 9.00 5.005E 02 4.005E 02 4.005E 02 2.000 343.9 8.952E-01 9.00 5.005E 00 -5.005E-02 4.005E 02 4.005E 02 2.000 343.9 8.952E-01 9.00 5.005E 00 -5.005E-02 4.005E 02 2.000 343.9 8.952E-01 9.00 5.005E 00 -5.005E-02 4.005E 02 2.000 343.9 8.952E-01 9.00 5.005E 00 -5.005E-02 4.005E 02 2.000 343.9 8.952E-01 9.00 5.005E 00 -5.005E-02 4.005E 02 2.000 343.9 8.952E-01 9.00 5.005E 02 7.005E 02	14.800	0.200	344.7	L	6.13	6.768E-01	3.499E 00				1.066E
0.400 344.4 8.93.E-01 6.90 1.25E 00 3.084E 00 4.051E 0.2 0.500 343.8 8.362E-01 7.02 1.523E 00 3.084E 00 3.793E 0.2 0.500 343.8 8.362E-01 7.33 2.029E 00 1.496E 00 3.793E 0.2 0.700 343.8 8.362E-01 7.33 2.029E 00 1.496E 00 3.713E 0.2 0.900 343.9 8.362E-01 7.68 2.05E 00 -6.706E-02 3.67E 0.2 1.000 343.9 8.266-01 8.04 2.056E 00 -6.796-02 3.787E 0.2 1.200 344.0 8.356E-01 8.04 2.056E 00 -6.796E-02 3.787E 0.2 1.400 344.0 8.566E-01 8.04 2.056E 00 -6.596E-02 3.787E 0.2 1.500 344.0 8.566E-01 8.73 2.058E 00 -5.236E-02 3.787E 0.2 1.600 344.0 8.356E-01 8.73 2.058E 00 -5.536E-02 3.961E 0.2 1.600 344.0 8.356E-01 8.73 2.058E 00 -5.536E-02 4.006E 0.2 1.600 344.0 8.356E-01 9.09 2.057E 00 -5.556E-02 4.066E 0.2 1.600 344.0 8.957E-01 9.42 2.055E 00 -5.556E-02 4.065E 0.2 2.000 343.9 8.957E-01 9.43 2.055E 00 -5.556E-02 4.065E 0.2 2.000 343.9 8.967E-01 9.74 2.055E 00 -5.055E-02 4.065E 0.2 2.000 343.9 8.967E-01 9.74 2.055E 00 -5.055E-02 4.065E 0.2 2.000 343.9 8.967E-01 9.74 2.055E 00 -5.055E-02 4.065E 0.2 2.000 343.9 8.967E-01 9.74 2.055E 00 -5.055E-02 4.065E 0.2 2.000 343.9 8.967E-01 9.74 2.055E 00 -5.055E-02 4.065E 0.2 2.000 343.9 8.967E-01 9.74 2.055E 00 -5.055E-02 4.065E 0.2 2.000 343.9 8.967E-01 9.74 2.055E 00 -5.055E-02 4.065E 0.2 2.000 343.9 8.967E-01 9.75 2.055E 00 -5.055E-02 4.065E 0.2 2.000 343.9 8.967E-01 9.75 2.055E 00 -5.055E-02 4.065E 0.2 2.000 343.9 8.967E-01 9.75 2.055E 00 -5.055E-02 4.065E 0.2 2.000 343.9 8.967E-01 9.76 0.2 2.000 345.0 0.2 2.000 345	14.900	0.300	344.6	9-220E-01	9.90	9.6726-01			2.072€ 02		9.630E
0.500 344.1 8.64%-01 7.02 1.52%E 00 3.081E 00 3.920E 02 0.0600 344.1 8.64%-01 7.37 1.80%E 00 3.054E 00 3.79%E 02 0.0700 343.8 8.36%-01 7.32 2.02%E 00 1.49%E 00 3.71%E 02 0.500 344.0 8.11%-01 7.52 2.06%E 00 -1.33%E-01 3.68%E 02 1.000 343.9 8.15%E-01 7.66 2.05%E 00 -6.70%E-02 3.67%E 02 1.000 343.9 8.15%E-01 7.66 2.05%E 00 -4.67%E-02 3.67%E 02 1.200 344.0 8.35%E-01 8.04 2.05%E 00 -4.63%E-02 3.69%E 02 1.300 344.0 8.55%E-01 8.39 2.05%E 00 -5.79%E-02 3.69%E 02 1.500 344.0 8.49%E-01 8.39 2.05%E 00 -5.79%E-02 3.90%E 02 1.500 344.0 8.33%E-01 8.70 2.05%E 00 -5.79%E-02 3.90%E 02 1.500 344.0 8.33%E-01 9.09 2.05%E 00 -5.34%E-02 4.06%E 02 1.900 344.0 8.95%E-01 9.09 2.05%E 00 -5.55%E-02 4.06%E 02 2.000 343.9 8.95%E-01 9.20 2.05%E 00 -5.59%E-02 4.06%E 02 2.000 343.9 8.95%E-01 9.20 2.05%E 00 -5.59%E-02 4.06%E 02 2.000 343.9 8.96%E-01 9.20 2.05%E 00 -5.95%E-02 4.06%E 02 2.000 343.9 8.96%E-01 9.20 2.05%E 00 -5.95%E-02 4.06%E 02 2.000 344.0 8.96%E-01 9.20 2.05%E 00 -5.95%E-02 4.06%E 02 2.000 344.0 8.96%E-01 9.20 2.05%E 00 -5.95%E-02 4.06%E 02 2.000 344.0 8.96%E-01 9.39 2.05%E 00 -5.95%E-02 4.06%E 02 2.000 344.0 8.96%E-01 9.00 2.05%E 00 -5.95%E-02 4.06%E 02 2.000 344.0 8.96%E-01 9.00 2.05%E 00 -5.95%E-02 4.06%E 02 4.06%E 02 2.000 344.0 8.96%E-01 9.00 2.05%E 00 -5.95%E-02 4.06%E 02 4.06%E 02 2.000 344.0 8.96%E-01 9.00 2.05%E 00 -5.95%E-02 4.06%E 02 4.06%E 02 2.000 344.0 8.96%E-01 9.00 2.05%E 00 -5.95%E-02 4.06%E 02 4.06%E 02 2.000 344.0 8.96%E-01 9.00 2.05%E 00 -5.95%E-02 4.06%E 02 4.06%E 02 2.000 344.0 8.96%E-01 9.00 2.05%E 00 -5.95%E-02 4.06%E 02 4.06%E 02 2.000 344.0 8.96%E-01 9.00 2.05%E 00 -5.95%E-02 4.06%E 02 2.000 344.0 8.96%E-01 9.00 2.00%E 00 -5.95%E-02 4.06%E 02 2.000 34.00 2.00%E 00 -5.00%E-02 4.06%E 02 2.000 344.0 8.96%E-01 9.00 2.00%E 00 -5.95%E-02 4.06%E 02 2.00%E 00 -5.95%E-02 4.06%E-02 4.06%E-02 4.00%E-02 4.00%E-02 4.00%E-02 4.00%E-02	12.000	0.400	344.4	8-931E-01	6.9	1.251E 00		4.051E 02		-	9.400E
0.500 343.8 B.362E-01 7.17 1.802E 00 3.054E 00 3.793E-01 0.500 343.8 B.362E-01 7.33 2.029E 00 1.406E 00 3.713E-01 0.500 343.9 B.110E-01 7.68 2.057E 00 -1.33E-01 3.692E-1 1.000 343.9 B.152E-01 7.86 2.056E 00 -4.679E-02 3.677E-1.100 343.9 B.152E-01 7.86 2.056E 00 -4.679E-02 3.698E-1.100 343.9 B.350E-01 B.04 2.056E 00 -4.679E-02 3.698E-1.200 344.0 B.457E-01 B.22 2.057E 00 -4.634E-02 3.731E-1.400 344.0 B.610E-01 B.56 2.057E 00 -4.634E-02 3.905E-1.500 344.0 B.610E-01 B.56 2.057E 00 -5.205E-02 3.905E-1.500 344.0 B.610E-01 B.56 2.057E 00 -5.207E-02 3.905E-1.600 344.0 B.692E-01 9.90 2.057E 00 -4.342E-02 4.005E-1.900 343.9 B.957E-01 9.26 2.056E 00 -4.596E-02 4.005E-1.900 343.9 B.957E-01 9.43 2.056E 00 -5.596E-02 4.067E-2.200 343.9 B.952E-01 9.44 2.055E 00 -5.052E-02 4.067E-2.200 343.9 B.952E-01 9.74 2.055E 00 -5.052E-02 4.067E-2.200 343.9 B.952E-01 9.74 2.055E 00 -5.176E-02 4.065E-2.200 343.9 B.941E-01 10.08 2.057E 00 -3.959E-02 4.065E-2.200 344.0 B.941E-01 10.08 2.057E 00 -3.959E-02 4.065E-2.200 343.9 B.941E-01 10.08 2.055E 00 -5.176E-02 4.065E-2.200 344.0 B.941E-01 10.08 2.055E 00 -5.176E-02 4.065E-2.200 345.0 B.941E-01 10.08 2.055E 00 -5.176E-22 4.065E-22 4.065E-2	15.100	0.500	344.1	8-6436-01	7.02						9.390E
0.700 343.8 B.186E-01 7.33 2.029E 00 1.496E 00 3.713E 0.900 343.8 B.186E-01 7.52 2.062E 00 -1.333E-01 3.662E 0.900 343.9 B.152E-01 7.86 2.057E 00 -4.679E-02 3.678E 1.000 343.9 B.226E-01 8.04 2.056E 00 -4.679E-02 3.698E 1.200 344.0 B.256E-01 B.22 2.057E 00 -4.679E-02 3.731E 1.300 344.0 B.497E-01 B.56 2.057E 00 -4.634E-02 3.731E 1.400 344.0 B.497E-01 B.56 2.057E 00 -5.238E-02 3.965E 1.500 344.0 B.492E-01 B.73 2.057E 00 -5.358E-02 3.961E 1.600 344.0 B.892E-01 B.90 2.057E 00 -4.596E-02 4.033E 1.600 344.0 B.916E-01 9.09 2.057E 00 -5.556E-02 4.033E 2.000 343.9 B.957E-01 9.43 2.056E 00 -5.596E-02 4.067E 2.200 343.9 B.952E-01 9.43 2.055E 00 -5.956E-02 4.067E 2.200 343.9 B.962E-01 9.43 2.055E 00 -5.055E-02 4.067E 2.300 344.0 B.946E-01 9.43 2.055E 00 -5.055E-02 4.067E 2.300 343.9 B.962E-01 9.74 2.055E 00 -5.055E-02 4.067E 2.300 343.9 B.962E-01 9.74 2.055E 00 -5.055E-02 4.067E 2.300 344.0 B.946E-01 9.74 2.055E 00 -5.055E-02 4.067E 2.300 344.0 B.962E-01 9.97 2.057E 00 -5.055E-02 4.067E 2.300 344.0 B.962E-01 9.09 2.057E 00 -5.055E-02 4.067E 2.300 344.0 B.962E-01 9.00 2.055E 00 -5.055E-02 4.067E 2.300 345.0 B.964E-01 9.00 2.055E 00 -5.055E-02 4.065E 2.300 345.0 B.964E-01 10.08 2.055E 00 -5.176E-02 4.065E	15.200	0.600	343.8	L	7.17				2.184E 02	5.494E 01	9.308E
0.800 344.0 B.117E-01 7.52 2.063E 00 -1.335E-01 3.682E 0.0900 343.9 B.106E-01 7.68 2.055E 00 -6.704E-02 3.677E 1.000 343.9 B.152E-01 7.68 2.057E 00 -6.704E-02 3.698E 1.000 343.9 B.256E-01 8.04 2.054E 00 -4.634E-02 3.731E-1.000 343.9 B.256E-01 B.22 2.057E 00 -4.634E-02 3.731E 1.200 344.0 B.350E-01 B.39 2.057E 00 -4.634E-02 3.731E 1.400 344.0 B.132E-01 B.73 2.058E 00 -4.907E-02 3.905E 1.500 344.0 B.732E-01 B.73 2.058E 00 -5.120E-02 4.006E 1.800 344.0 B.952E-01 9.09 2.057E 00 -5.556E-02 4.006E 1.900 343.9 B.957E-01 9.43 2.056E 00 -5.556E-02 4.004E 2.000 343.9 B.957E-01 9.43 2.055E 00 -5.495E-02 4.007E 2.000 343.9 B.957E-01 9.43 2.055E 00 -5.495E-02 4.007E 2.000 343.9 B.967E-01 9.44 2.055E 00 -5.495E-02 4.007E 2.000 344.0 B.962E-01 9.00 2.057E 00 -5.176E-02 4.005E 2.000 344.0 B.964E-01 10.08 2.057E 00 -5.176E-02 4.005E	15.300	0.100	343.8	- 99	7.33		1.496E 00			6.183E 01	4.559E
0.900 343.9 8.10&-01 7.68 2.057F 00 -6.70&-02 3.677E 1.000 343.9 8.152E-01 7.86 2.056F 00 -4.679E-02 3.698E 1.100 344.0 8.25E-01 8.22 2.056F 00 -4.634E-02 3.731E 1.200 344.0 8.497E-01 8.39 2.057F 00 -4.293E-02 3.731E 1.300 344.0 8.497E-01 8.39 2.057E 00 -4.293E-02 3.95E 1.400 344.0 8.610E-01 8.73 2.058E 00 -4.293E-02 3.95E 1.400 344.0 8.632E-01 8.73 2.058E 00 -4.397E-02 3.95E 1.400 344.0 8.832E-01 8.90 2.057E 00 -5.342E-02 4.004E 1.400 344.0 8.95E-01 9.26 2.056E 00 -5.56E-02 4.004E 2.000 343.9 8.957E-01 9.26 2.056E 00 -5.598E-02 4.064E 2.000 343.9 8.957E-01 9.49 2.057E 00 -5.995E-02 4.067E 2.200 343.9 8.952E-01 9.74 2.055E 00 -5.995E-02 4.067E 2.200 343.9 8.962E-01 9.74 2.055E 00 -5.092E-02 4.067E 2.200 343.9 8.962E-01 9.74 2.055E 00 -5.092E-02 4.067E 2.200 343.9 8.962E-01 9.74 2.055E 00 -5.176E-02 4.055E 2.300 344.0 8.941E-01 10.08 2.057E 00 -5.176E-02 4.055E	15.400	0.800	344.0	76-	7. 52		-1.3336-01				-4.063E
1.000 343.9 8.152E-01 7.86 2.054E 00 -4.679E-02 3.698E 1.100 344.0 8.256E-01 8.04 2.056E 00 -4.634E-02 3.731E 1.200 344.0 8.256E-01 8.72 2.057E 00 -4.634E-02 3.731E 1.300 344.0 8.457E-01 8.72 2.057E 00 -5.796E-02 3.787E 1.400 344.0 8.610E-01 8.73 2.057E 00 -5.796E-02 3.905E 1.500 344.0 8.610E-01 8.73 2.058E 00 -4.907E-02 3.905E 1.500 344.0 8.873E-01 8.73 2.058E 00 -4.907E-02 3.905E 1.800 344.0 8.873E-01 9.90 2.058E 00 -5.596E-02 4.004E 1.900 344.0 8.957E-01 9.26 2.058E 00 -5.596E-02 4.004E 2.000 343.9 8.957E-01 9.43 2.056E 00 -5.596E-02 4.067E 2.200 343.9 8.967E-01 9.74 2.055E 00 -5.085E-02 4.067E 2.200 343.9 8.967E-01 9.74 2.057E 00 -5.085E-02 4.067E 2.200 343.9 8.967E-01 9.74 2.057E 00 -5.085E-02 4.067E 2.200 343.9 8.967E-01 10.08 2.057E 00 -5.085E-02 4.067E 2.200 343.9 8.967E-01 10.08 2.057E 00 -5.176E-02 4.055E	15.500	0.00	343.9	8.106E-01	7.68		-6.708E-02		2.340E 02	-	-2.045E
1.100 343.9 8.226E-01 8.04 2.056E 00 -4.634E-02 3.731E 1.200 344.0 8.350E-01 8.22 2.057E 00 -4.634E-02 3.787E 1.300 344.0 8.450E-01 8.56 2.057E 00 -5.638E-02 3.787E 1.400 344.0 8.610E-01 8.56 2.057E 00 -5.638E-02 3.905E 1.500 344.0 8.732E-01 8.73 2.058E 00 -4.907E-02 3.905E 1.600 344.0 8.892E-01 8.90 2.057E 00 -4.342E-02 4.033E 1.800 344.0 8.957E-01 9.06 2.055E 00 -5.556E-02 4.045E 2.000 343.9 8.957E-01 9.43 2.055E 00 -5.645E-02 4.067E 2.200 343.9 8.962E-01 9.74 2.055E 00 -5.045E-02 4.067E 2.200 343.9 8.962E-01 9.74 2.055E 00 -5.045E-02 4.067E 2.300 344.0 8.962E-01 9.74 2.055E 00 -5.045E-02 4.067E 2.300 344.0 8.962E-01 9.74 2.055E 00 -5.045E-02 4.067E 2.300 344.0 8.962E-01 9.74 2.055E 00 -5.082E-02 4.067E 2.300 344.0 8.962E-01 10.08 2.055E 00 -5.176E-02 4.055E	12.600	1.000	343.9	8.152E-01	7.86		-4.679E-02			_	-1.426E
1,200 344.0 8.350E-01 8.22 2.057E 00 -4.293E-02 3.787E 1.300 344.0 8.497E-01 8.39 2.057E 00 -5.796E-02 3.694E 1.400 344.0 8.497E-01 8.79 2.057E 00 -5.638E-02 3.965E 1.400 344.0 8.732E-01 8.79 2.057E 00 -5.120E-02 3.961E 1.500 344.0 8.732E-01 8.79 2.057E 00 -5.120E-02 4.006E 1.400 344.0 8.952E-01 9.09 2.057E 00 -5.556E-02 4.006E 1.400 344.0 8.957E-01 9.43 2.056E 00 -5.596E-02 4.046E 2.000 343.9 8.957E-01 9.43 2.055E 00 -5.645E-02 4.067E 2.200 343.9 8.967E-01 9.43 2.055E 00 -5.645E-02 4.067E 2.200 343.9 8.962E-01 9.74 2.055E 00 -5.045E-02 4.067E 2.300 344.0 8.945E-01 10.08 2.055E 00 -5.045E-02 4.055E 2.300 344.0 8.945E-01 10.08 2.055E 00 -5.176E-02 4.055E	15.700	1.100	343.9	8-226E-01	8.04		-4.634E-02		2.451E 02		-1.412E
1,300 344.0 8.497E-01 8.39 2.057E 00 -5.796E-02 3.654E 1.400 344.0 8.432E-01 8.56 2.057E 00 -5.636E-02 3.905E 1.500 344.0 8.732E-01 8.70 2.058E 00 -4.907E-02 3.901E 1.500 344.0 8.732E-01 8.90 2.058E 00 -4.342E-02 4.034E 1.800 344.0 8.916E-01 9.09 2.058E 00 -4.342E-02 4.034E 1.900 343.9 8.957E-01 9.43 2.056E 00 -5.556E-02 4.044E 2.000 343.9 8.957E-01 9.43 2.056E 00 -5.645E-02 4.067E 2.100 343.9 8.93E-01 9.74 2.057E 00 -5.645E-02 4.055E 2.200 343.9 8.93E-01 9.74 2.057E 00 -5.082E-02 4.055E 2.200 343.9 8.941E-01 10.08 2.056E 00 -6.176E-02 4.055E 2.300 344.0 8.941E-01 10.08 2.056E 00 -6.176E-02 4.055E	15.800	1.200	344.0		8.22	(500)	-4.293E-02			6.270E 01	-1.309£
1.400 344.0 8.610E-01 8.56 2.057E 00 -3.638E-02 3.905E 1.500 344.0 8.632E-01 8.73 2.058E 00 -4.907E-02 3.901E 1.600 344.0 8.632E-01 8.09 2.057E 00 -5.120E-02 4.006E 1.700 344.1 8.892E-01 9.09 2.058E 00 -5.556E-02 4.006E 1.900 344.0 8.916E-01 9.26 2.056E 00 -5.556E-02 4.044E 1.900 343.9 8.957E-01 9.43 2.056E 00 -5.938E-02 4.044E 2.000 343.9 8.985E-01 9.43 2.055E 00 -5.092E-02 4.057E 2.00 343.9 8.985E-01 9.74 2.057E 00 -5.092E-02 4.057E 2.00 343.9 8.962E-01 9.74 2.057E 00 -5.092E-02 4.055E 2.00 344.0 8.941E-01 10.08 2.056E 00 -6.176E-02 4.055E	15.900	1.300	344.0	5	8.39	1	-5.796E-02				-1.767E
1.500 344.0 8.832E-01 8.73 2.058E 00 -4.907E-02 3.961E 1.600 344.0 8.832E-01 8.70 2.058E 00 -5.120E-02 4.006E 1.700 344.1 8.892E-01 9.26 2.058E 00 -5.556E-02 4.004E 1.800 344.0 8.916E-01 9.26 2.058E 00 -5.556E-02 4.044E 2.000 343.9 8.957E-01 9.43 2.056E 00 -5.695E-02 4.067E 2.100 343.9 8.967E-01 9.59 2.057E 00 -5.645E-02 4.067E 2.200 343.9 8.965E-01 9.74 2.055E 00 -5.082E-02 4.067E 2.300 344.0 8.962E-01 10.08 2.055E 00 -5.176E-02 4.055E	10.000	1.400	344.0	3	8.56		-3.638E-02	Ţ.	2.608E 02		-1.1096
1.600 344.0 8.832E-01 8.90 2.057E 00 -5.120E-02 4.006E 1.700 344.1 8.892E-01 9.09 2.058E 00 -4.342E-02 4.033E 1.800 344.0 8.916E-01 9.43 2.056E 00 -4.392E-02 4.045E 2.000 343.9 8.957E-01 9.43 2.056E 00 -3.938E-02 4.065E 2.100 343.9 8.967E-01 9.59 2.057E 00 -5.645E-02 4.067E 2.200 343.9 8.962E-01 9.74 2.055E 00 -5.055E-02 4.067E 2.300 344.0 8.941E-01 10.08 2.057E 00 -5.176E-02 4.065E	16.100	1.500	344.0	2	8.73	200	-4.907E-02				-1.496E
1.700 344.1 8.892E-01 9.09 2.058E 00 -4.342E-02 4.033E 1.800 344.0 8.916E-01 9.26 2.056E 00 -5.556E-02 4.044E 1.900 343.9 8.967E-01 9.59 2.056E 00 -5.645E-02 4.067E 2.100 343.9 8.962E-01 9.69 2.055E 00 -5.065E-02 4.067E 2.200 343.9 8.962E-01 9.69 2.057E 00 -5.082E-02 4.055E 2.300 344.0 8.941E-01 10.08 2.056E 00 -6.176E-02 4.055E	16.200	1.600	344.0	3	8.40		-5.120E-02		2.712E 02		-1.5616
1.800 344.0 6.916E-01 9.26 2.056E 00 -6.556E-02 4.044E 1.900 343.9 8.957E-01 9.43 2.056E 00 -3.931E-02 4.067E 2.000 343.9 8.967E-01 9.59 2.057E 00 -5.645E-02 4.067E 2.100 343.9 8.963E-01 9.74 2.055E 00 -5.082E-02 4.075E 2.200 343.9 8.962E-01 9.69 2.057E 00 -3.950E-02 4.075E 2.300 344.0 8.941E-01 10.06 2.056E 00 -6.176E-02 4.055E	16.300	1.700	344.1	2	8.6		-4.342E-02			200	-1.3246
1.900 343.9 8.957E-01 9.43 2.056E 00 -3.938E-02 4.063E 2.000 343.9 8.967E-01 9.59 2.057E 00 -5.645E-02 4.067E 2.100 343.9 8.963E-01 9.74 2.055E 00 -5.062E-02 4.067E 2.200 343.9 8.962E-01 9.79 2.057E 00 -5.956E-02 4.055E 2.300 344.0 8.941E-01 10.08 2.055E 00 -6.176E-02 4.055E	16-400	1.800	344.0		9.26	_	-6.556E-02			6.268E 01	-1.998E
2.000 343.9 8.967E-01 9.59 2.057E 00 -5.645E-02 4.067E 2.100 343.9 8.962E-01 9.74 2.055E 00 -5.082E-02 4.075E 2.200 343.9 8.962E-01 9.76 2.057E 00 -3.950E-02 4.055E 2.300 344.0 8.941E-01 10.08 2.055E 00 -6.176E-02 4.055E	10.500	1.900	343.9	1	4.43		-3.933E-0Z		2.874E 02	70	-1.1996
2.100 343.9 8.983E-01 9.74 2.056E 00 -5.082E-02 2.200 343.9 8.962E-01 9.89 2.057E 00 -3.950E-02 2.300 344.0 8.941E-01 10.08 2.056E 00 -6.176E-02	16.600	2.000	343.9	-	9.59		-5.645E-02		-		-1.721E
2.200 343.9 8.962E-01 9.89 2.057E 00 -3.950E-02 2.300 344.0 8.941E-01 10.08 2.056E 00 -6.176E-02	16.700	2.100	343.9	36	9.74		-5.082E-02	4.075E 02	2.969E 02	6.268E 01	-1.549
2.300 344.0 8.941E-01 10.08 2.056E 00 -6.176E-02 4	16.800	2.200	343.9	E.	6.60		-3.950E-02	4.065E 02	78	-	-1.204E
	16.900	2.300	344.0	16-	10.08		-6.176E-02	4.055E UZ	3.073E 02	6.268E 01	•
2.400 343.9 8.957E-01 10.27 2.057E 00 -4.641E-02 4	17.000	2.400	343.9	957E-	10.27	-	-4.641E-02	4.063E 32	3-129F 02	6-270F 01	-1-4145
		CONTRACTOR OF THE PARTY OF THE									

EXPERIMENTAL DATA

RCOR	NO.	OSCL.	TENSION	LENGTH	VEL OC 1 TY	ACCEL.	TENSION	LENGTH	VELOCITY	ACCEL.
SEC	SEC	DEG	1.85	11	FT/SEC	FT/SEC/SEC	GRAM	5	CM/SEC	CM/SEC/SEC
7.200	2.600	344.0	8.991E-01	10.63	2.057E 00	-4.866E-02	4.078E UZ	0 70	6.270E 01	-1.483£ 00
7.300	2.700	344.0	9.016E-01	10.80	2.058E 00	-3.303E-02	4.090E UZ	3.291E 02		-1.007E 00
17.400	2.800	344.0	9.013E-01	10.99		-6.684E-02	4.088E UZ	330	6.270E 01	-2.037E 00
17.500	2.900	343.9	8.998E-01	11.17		-3.652E-02	4.081E uz	3.403E 02	70	
1.600	3.000	344.0	8.998E-01	11.34	2.056E 00	-6.163E-02	4.082E 02		6.267E 01	
7.700	3.100	343.9	8.978E-01	11.52		-5.142E-02	4.072E UL		6-265E 01	-1.567E 00
7.800	3.200	344.0	8.978E-01	11.70	2.056E 00	-2.904E-02	4.072E 02			-315E
1.900	3.300	344.1		11.89		-5.142E-02	4.092E 02	3.625E 02	6.269E 01	97.9
18.000	3.400	343.9	9.077E-01	12.07		-4.676E-02	117E		369₹	425E
8.100	3.500	343.9	9.079E-01	12.24	-	-6.944E-02	4.118E U2	(7)	6.267E 01	-2.116E 00
18.200	3.600	343.8		12.42	2.055E 00	-4.369E-02	4.129E 02		6.264E 01	-1.332E 00
8.300	3.700	343.9	2E	12.59		-3.416E-02	4.156E UZ		6-267E 01	-1.041E 00
8.400	3.800	343.8	0	12.77	2.056E 00	-5.787E-02	4.177E 02	3.892E 02	6.268E 01	-1.764E 00
8.500	3.900	343.8	36	12.96		-4.244E-02	4.20ZE 02			
8.600	4.000	344.0	4	13.16		-7.089E-02	4.211E 02			
8- 700	4.100	344.0	9.291E-01	13.34	30	-5.356E-02	4.214E UZ	700	7	533E
8.800	4.200	344.0	4	13.53	2.057E 00	-4.501E-02	4.207E 02	30		
8.900	4.300	344.0	9.263E-01	13.72	7.5	-4.667E-02	4.202E UZ	0	7	423E
0000	4.400	344.0	9.2746-01	13.91		-3.5736-02	4.207E 02			
9.100	005-	344-0	9-27601	14.09		-6.236E-02	30		272E	
9.200	0000	344.0	7	14.28		-4-827E-02		1	369E	
9.300	001.	343.9	9.254E-01	2:	2.056E 00	-4.765E-02			268E	
200	2000	343.9	10-3147°	14.04		-20-3676-07	70 341.4			80 re
19.500	0000	344.0	¥ ;	10.61		-3.260E-02			3	
2000	0000	245	7		76 N	-2.696E-02	3761			100
200	2000	343.9	-	91 - 61	2.0555 00	70-36-07	300	in.	2007	116
0000	2000	343.0	300	12.33		20-3106-6-	70 3961.4			3716
006.6	2.500	343.0	3	12.23		-2.45/E-02			2007	-1.814 00
20.00	000	343.0		0.61		20-3616-07	٠.		26 95	-11E
300	2000	243.0		13.00		20-306-05	1305		10 3007·0	1346
300	2000	343.0	10-3916	16.05	2 0675 00	-4-312E-02	70 JOLE 07	4.692E 02	10 3000 7	-1.594E 00
0.400	200	346.0	1	14.41		-4.3146-02			26 AE	
0.500	2.900	344-0	- 989	16.59		-4-184F-02	SE	2 4	267E	1.276F
0.600	0000-9	344.0	- 39g	16.76		-4.684E-02	199E		270E	128E
0. 700	9.100	344.0	9.280E-01	16.95	150	-4.859E-02			268E	4816
0.800	.6.200	344.0	374	17.13	3	-4.397E-02		185	266E	340E
006.0	6.300	343.9	60	17.29		-5.934E-02	4.211E 02	-	6.265E 01	3608
1.000	004.9	343.9	-36	17.46	- 1	-4.555E-02	4.207E 02	-	6-266E 01	3886
1.100	005-9	344.0	99:	17.64		-4.975E-02	4.185E UZ		6-267E 01	-1.517E 00
1.200	009.9	343.9	. 196E	17.80		-4.768E-02	4.171E 02	100	6.266E 01	-1.453E 00
1.300	6.700	343.9	¥	17.97	2.056E 00	-4-134E-02	4.193E 02	5.478E 02	6.266E 01	-1.26UE 00
1-400	008-9	343.9	76	18.16	2.056E 00	-5.449E-02	4.185E UZ	5.534E 02	6.267E 01	-1.661E 00
21.500	006-9	343.8	9.2196-01	18.32	155E	-5.547E-02	4.182E UZ	5.585E 02	6.264E 01	
1.600	2.000	343.9	9.229E-01	18.48	2.055E 00	-5.123E-02	4-186E UZ	5-633F 02	4.244F 01	-1.5616 00
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EXPERIMENTAL DATA

RCOR	RUN	USCL.	TENSION	LENGTH VELOCI	VELOCITY	ACCEL.	TENSION	LENGTH	VELOCITY	ACCEL.
SEC	SEC	DEG	1.65		FT/SEC	FT/SEC/SEC	GRAM	5	CN/SEC	CM/SEC/SEC
. 800	7.200	343.9	9.221E-01	18.82	2.056E 00	-4.254E-02	4.1826 uz	.737E	6.268E 01	-1.2976 00
.900	7.300	343.9	9.143E-01	19.02	.057E	-5.9156-02		5.796£ 02	6.269E 01	-
000	7.400	344.0	9.095E-01	19.50	.057E	-5.3336-02	4.126E J2	.853€		.625E
.100	7.500	344.0		19.38	2.057E 00	-5.1536-02	4-124E 02			-1.571E 00
.200	1.600	344.0	9-108E-01	19.56	-056E	-4.730E-02	4.131£ uz	5.962£ 02	6.266E 01	
.300	7.700	343.9	÷	19.73	-056E	-3.506E-02	4.1196 02	6.015E 02		3690
004-	7.800	344.0	9.067E-01	19.90		-5.158E-02	170	6.066E 02	6.267E 01	-1.572E 0
. 500	1.900	343.9	-	20.08	-	-5.076E-02	4.122E U2	atu.	6.266E 01	54.7E
009-	8.000	343.9	4	20.26		-5.012E-02		.176€		-
. 700	8.100	343.9	1	20.45	-056E	-5.078E-02	4.117E 02	-234E		548E
. 800	8.200	343.8	F-	20.60	-056E	-3.7726-02	4.1186 02			3051
006 -	8.300	343.8	1	20.77	2.056E 00	-5.2616-02		6.330E 02	6.266E 01	-1.604E 00
000-	8.400	343.8	9.101E-01	20.94	-056E	-4.749E-02		-		-1.447E 00
001-	8.500	343.7		21.12		-5.445E-02	4.138E 02	6.437E 02	7	3099
1.200	8.600	343.8	w	21.29	000	-5.7996-02	4.1426 02		6.263E 01	-1.768E 00
1.300	8.700	343.7	w	21.45		-5.107E-02	4.142E UZ	6.539E 02		100
004-	8.800	343.8	-	21.63		-4.917E-02	4.141E 02	6.594E 02		-1.499E 00
. 500	8.900	343.9	1	21.81		-4.188E-02	4.137E 02	6.648E 02	6	
009.	0000-6	343.9	1	51.99	1000	-5.785E-02				763E
1.700	9.100	343.9	9.122E-01	22.17	2.056E 00	-5.449E-02	4.138E 32		6.267E 01	-1.661E 00
. 800	9.200	343.9	4	22.34	-	-5.102E-02	4-140E UZ	6.810E 02		
. 900	9.300	343.9	١.	22.52		-4.660E-02	4.141E 02			.420E
000	000	343.9	1.	22. 70		-3.642E-02	4-132E 02		II S	
200	2000	343.0		80.77	20021	70-3616-6-	4-13/E UK	20 3000		00 36661-
300	2001	343.0	9.0896-01	23.23		-4-700E-02	A. 1236 02		4.2495 01	37.55
009	9.800	343.8		23.38		-4.946F-02		100	6.267F 01	SORE
24.500	006-6	343.8		23.55	-	-4.807E-02		7.178E 02		1.465E
24.600	10.000	343.7	-	23.72	3950	-5.265E-02	4-143E 02			-
24- 700	10.100	343.7	1	23.89	2.055E 00	-4.7146-02	4.127E U2	7.282E 02	300	
24.800	10.200	343.7	1	24.06		-5.027E-02	4.141E 02	-		. 532E
006 -	10.300	343.8	-	24.23	100	-5.716E-02		7.386E 02		742E
000	10.400	343.8	1	24.41	3	-5.399E-02	4.161E U2		8	
2.100	10.500	343.9	1	24.59		-5-1776-02	6	7.494E 02		-1.578E 0
2.200	10.600	343.8	1	24.76		-3.838E-02		151		
2.300	10.700	343.8	L	24.94		-4.379E-02				335E
2.400	10.800	343.8	-	25.12	-056€	-5.614E-02			6.268E 01	•
25.500	10.900	343.8	4	25.30	2.056E 00	-4.223E-02		7.713E 02	6.265E 01	287E
900	11.000	343.6		25.67	53	->.036E-02			73	335E
2. 700	11.100	343.7	١,	53.64		-3.592E-02			-	.095E
2.800	11.200	343.8	9.072E-01	25.83	2.056E 00	-4.980E-02	1156		6.267E 01	-1.518E 00
2.900	11.300	343.8	L.	26.01		-4.747E-02	4.101E 02		6.267E 01	
0000	11.400	343.8		26.18	2.056E 00	-4.263E-02	4.114E UZ			1.299E
2.100	11.500	343.8	-	26.36	.055€	-5.833E-02	4.129E 02	•033€	-	
2.500	11.600	343.6	9.103E-01	26.92	2.055E 00	-4.578E-02	4.129E 02	.084E	6.264E 01	
300							The second secon			

EXPERIMENTAL DATA

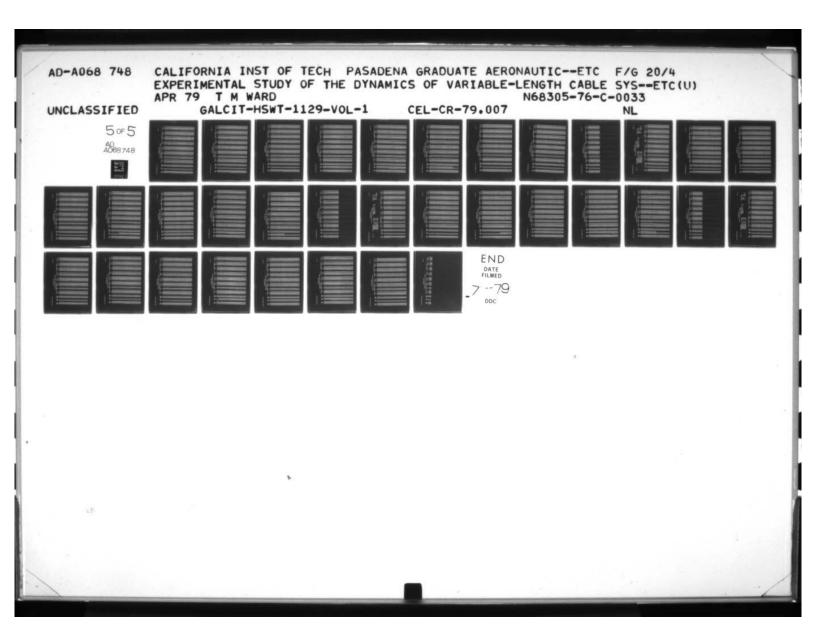
RCDR	RUN	OSCL.	TENSION	LENGTH	VEL OCITY	ACCEL.	TENSI UN	LENGTH	VELOCITY	ACCEL.
SEC	SEC	930	897	F.T	FT/SEC	FT/SEC/SEC	GRAM	5	CM/SEC	CM/SEC/SEC
26.400	11.800	343.7		26.86	.055E	-4.866E-02	4.103E 02			-1.483E
005.9	11.900	343.6	9.053E-01	27.04	2.056E 00	-4.093E-02	4-106E UZ	242E	6.266E 01	-1.248E 00
26.600	12.000	343.8	196-	27.24	-0 56E	-6.474E-02	_		266E	973E
9. 100	12.100	343.8	- 34C	27.41	26E	-5.1386-02	4.130E UZ		. 266E	3
008-9	12.200	343.9	186	27.59	26E	-4.573E-02	4.136E 02		267E	-1.3946
9.000	12.300	343.8	9.084E-01	27.76		-4.180E-02	4.120E JZ	-	267E	-1.274F
1.000	12.400	343.8	4E-	27.94	37E	-4.037E-02	4.102E U2		26 BE	-1.230E
7.100	12.500	343.8	-39C	28.12		-5.736E-02	4.085E UZ			-1.74BE
7.200	12.600	343.8	-36	28.30	2.055E 00	-4.681E-02	4.089E 02		6.265E 01	-1.427E
7.300	12.700	343.8	36-	28.47	.055E	-5.253E-02	_		6.265E 01	-1.601E
1.400	12.800	343.7	9.077E-01	28.64	.055E	-3.754E-02	4.117E 02		6.264E 01	-1.144
7.500	12.900	343.8	36-	28.81	.057E	-3.680E-02	17		6.269E 01	-1.122E
7.600	13.000	343.8	75-	28.98	2.056E 00	-6.033E-02	1	8.832E 02		-1.839E
7.700	13.100	343.8		29.16	.056E	-3.611E-02	4.116E uz		6.266E 01	-1.101E
7.800	13.200	343.7	9.094E-01	29.33	.056E	-5.352E-02				-1.631E
7.900	13.300	343.7	9.126E-01	29.47	9450	-5.033E-02			6.262E 01	-1.534E
8.000	13.400	343.6	9-114E-01	29.63	.055E	-3.180E-02				-9.692E-
8-100	13.500	343.7	9.103E-01	29.79	2.054E 00	-1.471E-01			6.261E 01	-4.485E
8.200	13.600	344.0	9-131E-01	29.99	362	-3.060E 00	16			-9.327E
8.300	13.700	344.3		30.16	919		4.210E 02			-1.285E
8.400	13.800	344.4	9.403E-01	30.28	1.207E 00	-4-136E 00	4.265E 02	9.229E 02		-1.261E
8.500	13.900	344.9	9.609E-01	30.39	6.527E-01	653E	4.358E UZ			-2.637E
8.600	0.0	344.9	88E-	30.39	1.4058-03	-2.944E 00	4.440E 02			-8.975E
8.700	0.0	344.8	-318	30.38	-2.324E-02	3.7036-01	4.437E 02		-7.082E-01	1.129E
8.800	0.0	344.9	5E-	30.39	-1-137E-02	-6.291E-02	4.484E 02		-3.464E-01	-1.917E
8.900	0.0	345.0	36	30.39	-1.266E-02	-6.331E-02	4.535E U2		-3.858E-01	-1.930E
0000-6	0.0	345.4	36	30.42	-1.245E-02	-5.712E-02	_		794E	-1.741E
001 -6	0.0	345.0	74	30.39	-1.225E-02	-5.365E-02	4.659E 02		732E-	-1.635E
9.200	0.0	344.9	*	30.37	-1.249E-02	-5.401E-02	4.712E 02		-806E-	-1.646E
9.300	0.0	344.9	76	30.37	-1.261E-02	-5.6796-02	4.747E 02		-3.842E-01	-1.731E
9.400	0.0	344.8	1.05₹ 00	30.37	-1.295E-02	-5.581E-02	4.776E 02		-3.947E-01	-1.701E
005-6	0.0	344.8	8	30.38	-1.342E-02	-5.523E-02	4.797E 02		-4.089E-01	-1.683E
009.6	0.0	344.9	2E	30.36	-1.278E-02	-5.631E-02	4.816E 02		-3.894E-01	-1.716E
9.100	0.0	344.8	¥	30.36	-1.345E-02	-5.637E-02	4.838E UZ		100E-	-1.710E
9.800	0.0	344.9	38E	30.37	-1.296E-02	-5.504E-02	4.843E 02		-3.950E-01	-1.677E
006.6	0.0	345.0	1.069E 00		-1.180E-02	-5.467E-02			-3.598E-01	-1.666E
0000	0.0	345.1	2		-1.248E-02	-5.375E-02	4.841E 02	9.258E 02	80SE	
001.00	0.0	345.0	25	30.39	~	-5.2536-02	4.829E 02		-035E-	-1.601E
0.500	0.0	345.1	2E	30.39	-1.259E-02	-5.186E-02	4.817E 02	¥.	837E-	
0.300	0.0	345.1	₩	30.39	-	-5.076E-02	4.801E 02		.645E	-1.547E
00.400	0.0	345.0	2E	30.39	-1.188E-02	-5.0186-02	4.784E UZ	37·	620E	-1.529E
10-500	0.0	345.0	36	30.39	-1.205E-02	-5.137E-02	4.757E 02	.263E	.674E	-1.566E
009-01	0.0	344.9	36	30.39	-1.195E-02	-4.966E-02	4.731E 02		.643E	-1.514
30-100	0.0	345.1	1.036E 00	30.40	N	-5.027E-02	4.700E 02	9.266E 02	164E	=
008-01	0	245		30 30						
		2470	3	20.33	70-3061-1	20-3/0000	4.0 TOE 02		-3.626E-01	-1.618E

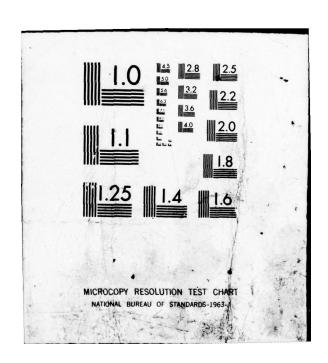
EXPERIMENTAL DATA

								1		
RCDR	RUN	0.501.	TENSION	LENGTH	VEL OCITY	ACCEL.	TENSION	LENGTH		ACCEL.
SEC	SEC	DEG	185	=	FT/SEC	FT/SEC/SEC	GRAN	5	CN/SEC	CM/SEC/SEC
1.000	0.0	344.9	1.017E 00	30.38	-1.229E-02	-5.333E-02	4.615E UZ	9.260E 02	-3.7476-01	-1.625E 00
11.100	0.0	344.9	1.010E 00	30.37	-1.209E-02	-5.292E-02	4.582E 04	9.258E 02	-3.6856-01	-1.613E 00
11.200	0.0	344.9	1.004E 00	30.37	-1.256E-02	-5.422E-02	4.556E 02		-3.829E-01	
31.300	0.0	344.9	9.982E-01	30.36	-1-205E-02	-5.400E-02		9.255E 02	-3.674E-01	-1.646E 00
11.400	0.0	344.9	9.930E-01	30.37	-1.205E-02	-5.389E-02		-	-3.674E-01	
1.500	0.0	345.0	9.873E-01	30.37	-1.199E-02	-5.302E-02		_	-3.654E-01	100
11.600	0.0	345.0	9.838E-01	30 - 38	-1.238E-02	-5.180E-02	4.463E U2	_	-3.7736-01	10730
11. 700	0.0	345.0	9.800E-01	30.39	-1.207E-02	-5.207E-02	_		-3.680E-01	100
1.800	0.0	345.0	9.781E-01	30.39	-1-156E-02	-5.088E-02	4.437E U2	_	-3.524E-01	- 70
11.900	0.0	345.0	9.7556-01	30.39	-1-167E-02	-5.062E-02		_	-3.557E-01	- 77
2.000	0.0	345.0	9.750E-01	30.39	-1-116E-02	-4.926E-02		-	-3.402E-01	770
2.100	0.0	345.0	9.7386-01	30.38	-1-179E-02	-5.116E-02	_	_	-3.593E-01	-0.0
2.200	0.0	344.9	9.7486-01	30.38	-1.213E-02	-4.949E-02	_	-	-3.698E-01	100
2.300	0.0	345.0	9.7546-01	30.39	-1.203E-02	-5.127E-02	_	_	-3.667E-01	
2.400	0.0	345.0	9.782E-01	30.39	-1.215E-02	-5.128E-02	4.437E 02	_	-3.703E-01	-
2.500	0.0	344.9	9.808E-01	30.39	-1.209E-02	-5.270E-02	-	-	-3.686E-01	1000
2.600	0.0	344.9	9.8216-01	30.37	-1.261E-02	-5.275E-02	4.455E 02	-	-3.8436-01	
12.700	0.0	344.8	9.8586-01	30.37	-1-219E-02	-5.237E-02	4.471E 02	-	-3.715E-01	
12.800	0.0	344.8	9.894E-01	30.35	-1.276E-02	-5.327E-02	4.488E U2		-3.888E-01	
2.900	0.0	344.0	9.9216-01	30.34	-1 278F-02	-5.5645-02	4 SOUS	O JEAF NZ	-2-ROKE-01	-1-494F DO

EXPERIMENTAL DATA

		ACCELE VELOCT DECELE RUN TII INITIAL	ACCLERATION, FPS2 ACCLERATION, FPS2 VELUCITY, FPS DECELERATION, FPS2 RUN TIME, SEC INITIAL LENGTH, FT	FP S2	REEL-IN 3.00 2.00 0.00 42.00 30.00	AMPLITUDE, FREQUENCY,	1NCH		NRC = 42 NCHN = 6000 NWRD = 6000 KV = 5.460E KA = 2.259E	42 6000 5.460E-01 2.259E 00
RCDR	S. S.	uscr.	TENSION		- ENGLISH UNITS	ACCEL.	TENSION	LENGTH	VELOCITY	ACCEL.
SEC	SEC	ANGLE	1.85	E	FT/SEC	FT/SEC/SEC	GRAM	5	CM/SEC	CH/SEC/SEC
0.0	0.0	334.7	4.7736-01		2.2536-01	1.081E 00	2.165E U2	1.019€ 03	6.868E 00	3.295E
0.100	0.0	345.5			-1.891E-02	-6.071E-02	4.629E 02	19.1	-5.762E-01	-1.850E 00
0.300		345.5	1-020F 00	31.84	-1.9036-02	-5.867F-02	4.625F 32	9.70%F 02	-5.8005-01	-1. 788F
004.0	0.0	345.3		31.	-1.990E-02	-5.940E-02	4.627E U2		-6.065E-01	
0.500	0.0	344.9				-5.628E-02	4.609E 02	195.1	-5. TOZE-01	-1.715E 00
0.600	•	344.7	1.0176 00	31.78	-1.841E-02	-5.923E-02	4.6136 02	9.686E 02	-5.6126-01	-1.805E
0.800	0.0	344.7	1.0186 00		-1.874E-02	-5.754E-02	4.616E 02	9.682E 02	-5.711E-01	-1.7546
0.900	0.0	344.7		31.	-1-840E-02	-5.898E-02	4.619E UZ		-5.607E-01	-1.798E
1.000	0.0	344-8		31.	-1.796E-02	-5.701E-02	4.613E U2	9.686E 02	-5.475E-01	-1.738E
1.200		344.8	1.0176 00	31.79	-1.787E-02	-5.550E-02	4.611E JZ	9.689E 02	-5-4466-01	-1.6926
1.300	0.0	344.9		31.	-1.776E-02	-5.442E-02	4.606E 02		-5.414E-01	
1.400	0.0	344.9	39	31.	-1.794E-02	-5.598E-02	4.611E 02	99	-5.467E-01	
1.500		344.9	1.016	31.80	-1.7445-02	-5.386E-02	4.607E 02	9.69ZE 02	-5.3146-01	-1.642E 00
1.700	0.0	344.8	12	31.	-1.838E-02	-5.534E-02	4.6136 34	9.690£ 02	-5.601E-01	
1.800	0.0	344.9	SE .	31.	-1.790E-02	-5.482E-02	4.606E UZ		-5.455E-01	3116
1.900	0.0	344.9	*	31.	-1-749E-02	-5.401E-02	4.607E 02	9/0	-5.330E-01	20
2.000	0.0	344.8	1.018E 00	31.	-1.775E-02	-5.548E-02	4.6166 02		-5.411E-01	
2.200		344.8	1.0176 00	31.79	-1-791E-02	-5.380E-02	4.6136 02	9.691E 02	-5.459E-01	-1.640E 00
2-300	0.0	366.8	75		-1-817F-02	-5.769F-02	4-613F 07		-5. 537F-01	- 17
2.400	0.0	344.7		31.	-1.786E-02	-5.799E-02	4.6146 02	9.681E 02	-5.4436-01	168E
2.500	0.0	344.8	75		-1.763E-02	-5.879E-02	4.614E 02	9.687E 02	-5.372E-01	-1.792E 00
2.600	0.0	344.8	7.	31.	-1.764E-02	-5.614E-02	4.612E 02	9.687E 02	-5.377E-01	-1.711E 00
2.100	0.0	344.9	25	31.	-1.758E-02	-5.647E-02	4.605E 02	9.689E 02	-5.3596-01	721E
2.800	0.0	344.9	1.016E 00		-1.688E-02	-5.602E-02	4.609E JZ	9.689E 02	-5.146E-01	-1.707E 00
2.900	0.0	344.9	¥ :	31.	-1.664E-02	-5.2798-02	4.610E 32	9.692E 02	-5.073E-01	-1.60%
2000		344.9	2010-1	31.80	-1.7218-02	-5.522E-02	4.607E 02	9.693E 02	10-3447-6-	-1.0835
20100	000	•	8	21.	70-36-1-1-	-3.31 (E-02	4.000E UL	30 346 0.6	-2.318E-01	100001-
3.200	0.0		1.016 0	31.80	-1-707F-02	-5.377F-02	4-6 10F U.	9-692F D2	-5.203F-01	-1.6306





EXPERIMENTAL DATA

RCOR RUN		TENSION	LENGTH	VEL OC 1 TY	ACCEL.	TENSION	LENGTH	VELOCITY	ACCEL.
	DEG	188	11	FT/SEC	FT/SEC/SEC	GRAA	5	CN/SEC	CM/SEC/SEC
•	344.8	3	31.80	-1.711E-02	-5.184E-02	4.607E 32	9.692E 02	-5.2166-01	-1.580E O
3.500 0.0	344.9	1.016E 00	31.80	-1.698E-02	-5.387E-02	4.609E J2	9.693E 02	-5.1746-01	-1.642E 00
•	344.9	76	31.79	-1.756E-02	-5.577E-02	4.611E 02		-5.352E-01	-1.700E OC
•	344.8	76	31.79	-1.747E-02	-5.679E-02	4.612E JZ		-5.326E-01	731E
•	344.7	7	31.78	-1.771E-02	-5.703E-02	-		-5.399E-01	
•	344.7	35	31.78	-1.732E-02	-5.664E-02			-5.278E-01	_
•	344.7	36	31.76	-1.737E-02	-5.843E-02	4.619E 02	9.680E 02	-5.294E-01	-1.781E 00
0	344.9	76	31.77	-1.758E-02	-5.834E-02	4.613E 02		-5.357E-01	-1.778E 0
0	344.9	SE	31.78	-1.702E-02	-5.784E-02	4.605E J2		-5.187E-01	-1.763E 0
0	344.9	36	31.80	-1.743E-02	-5.599E-02	4.607E UZ		-5.313E-01	-1.707E 0
0	344.8	76	31.79	-1.668E-02	-5.665E-02	4.612E 02		-5.084E-01	-1.727E 00
0	344.9	6E	31.79	-1.670E-02	-5.373E-02			-5.090E-01	-1.638E 00
•	344.8	1.017E 00	31.79	-1.714E-02	-5.537E-02	4.611E 02		-5.224E-01	-1.688E 00
0	344.9	36	31.82	-1.678E-02	-5.470E-02			-5.113E-01	66 7E
0	344.8	1.017E 00	31.79	-1.710E-02	-5.410E-02	4.613E u2	9.690E 02	-5.211E-01	-1.649E 0
•	344.8	*	31.79	-1.668E-02	-5.228E-02	4.6 10E JZ		-5.083E-01	-1.594E 0
•	344.9	3	31.80	-1.715E-02	-5.341E-02	4.609E uz		-5.226E-01	-1.628E 0
0	344-9	1.016E 00	31.81	-1.696E-02	-5.496E-02	4.607E 02		-5.169E-01	
0	344.8	2	31.79	-1.739E-02	-5.419E-02	4.611E 02		-5-300E-01	652E
0	344.8	76	31.79	-1.731E-02	-5.643E-02	4.611E 02	100	. 5.277E-01	
0	344.8	1.017E 00	31.79	-1-730E-02	-5.602E-02	4.614E 02	9.689E 02	-9-274E-01	-1.707E
•	344.8	7E	31.78	-1-704E-02	-5.751E-02	4.614E 02	36	-5.1936-01	-1.753E 0
•	344.7	7E	31.77	-1.722E-02	-5.835E-02	4.613E 02	+	-9.249E-01	
0	344.8	w	31.77	-1.685E-02	-5.603E-02	4.615€ 02	9.683€ 02	-5.1376-01	-1.708E 0
0	344.9	*	31.79	-1.621E-02	-5.814E-02	4.610E 02		-4.940E-01	-1.772E 0
0	344.8		31.79	-1.584E-02	-5.534E-02	4.608E 02	-	-4.8296-01	-1.687E
•	344.9	4	31.80	-1.676E-02	-9.617E-02	4.609E UZ	9.693E 02	-5.107E-01	-1.712E 0
•	344.9		31.81	-1.598E-02	-5.402E-02	4.605E 02	9.695E 02	-4.872E-01	-1.647E 00
•	344.9		31.80	-1.637E-02	-5.539E-02	4.611E 02		-4.988E-01	-1.688E 00
•	344.8	w	31.81	-1.623E-02	-5.2376-02	4.608E 02	9.695E 02	-4.946E-01	-1.596E 0
0	344.9	¥	31.80	-1.590E-02	-5.432E-02	-	9.693E 02	-4.846E-01	-1.656E 0
•	344.8	w	31.80	-1.687E-02	-5.437E-02	4.609E 02	9.693E 02	-5.1436-01	-1.657E 0
•	344.9	w	31.80	-1.634E-02	-5.004E-02	4.608E U2	100	-4.981E-01	-1.525E 0
0	344.9	-	31.80	-1.646E-02	-5.130E-02	4.606E 02	9.694E 02	-5.017E-01	-1.564E 00
•	344.9	w	31.80	-1.687E-02	-5.561E-02	4.614E J2	9.691E 02	-5.142E-01	-1.695E 00
•	344.8	w	31.80	-1.639E-02	-5.525E-02	4.614E UZ	9.691E 02	10-3966-4-	-1.684E 00
•	344.7		31.78	-1.708E-02	-5.820E-02	4.615E 04		N	-1.774E 00
•	344.8	w	31.78	-1.617E-02	-5.827E-02	4.6 10E J2	9.686E 02	-4.929E-01	-1.776E 0
•	344.8	W	31.77	-1.744E-02	-5.641E-02	4.616E U2	9.684E 02	-5.315E-01	-1.719E 00
0	344.8	w	31.77	-1.669E-02	-5.835E-02	4.612E 02	9.684E 02	-5.087E-01	-1.779E 00
0	344.9	w	31.79	-1.611E-02	-5.756E-02	4.607E 02	9.690E 02	10-3016-4-	-1.755E 00
0	345.0		31.80	-1.591E-02	-5.489E-02	4.60%E 02	*	-4.850E-01	-1.673E 0
•	345.0	*	31.81	-1.574E-02	-5.344E-02	4.608E UZ	€.696E 02	-4. 798E-01	-1.629E 0
•	345.0		31.81	-1.535E-02	-5.172E-02	4.605E 02	386	80E	-1.576E 0
0.0	344.9	1.0166 00	31.61	-1.546E-02	-5-4126-02	4.608E UZ	9.6 ME 02	-	-1.649E 0
•								-	

EXPERIMENTAL DATA

RCDR	RUN	D SCL.	TENSI ON	LENG TH	GTH VELOCITY	ACCEL .	TENSION	LENGTH	VELOCITY	ACCEL.
SEC	SEC	DEG	1.85	11	FT/SEC	F T/SEC/SEC	GRAN	MO STATE	CM/SEC	CM/SEC/SEC
8.000	0.0	345.0	*	31.81	-1.519E-02	-5.260E-02	4.608E 02	9.695E 02	-4.631E-01	-1.603E
8-100	0.0	344.9	SE.	31.81	-1.628E-02	-5.554E-02	4.605E J2	9.696E 02	-4.961E-01	-1.693E
8-200	0.0	344.9	×	31.81	-1.508E-02	-5.194E-02	4.60%E 02		-4.597E-01	-1.583E
8.300	0.0	345.0	2	31.80	-1.558E-02	-5.192E-02	4.60%E 02		-4.749E-01	-1.583£
8-400	0.0	344.9	w.	31.80	-1.558E-02	-5.352E-02		9.692E 02	-4, 749E-01	-1.631E
8.500	0.0	344.9	2	31.81	-1.551E-02	-5.639E-02	4.606E J2		-4.726E-01	-1.719E
8-600	0.0	344.8	¥	31.80	-1.611E-02	-5.424E-02	4.609E UZ	9.693E 02	-4.910E-01	-1.653E
8. 700	0.0	344.9	*	31.80	-1-644E-02	-5.621E-02	4.609E 02		-5.011E-01	-1.713E
8.800	0.0	344.8	2	31.78	-1.687E-02	-5.719E-02	4-612E 02	9.688E 02	-5.142E-01	-1.7436
8-900	0.0	344.9	7	31.79	-1.518E-02	-5.770E-02	4.614E U2	9.689E 02	-4.626E-01	-1.759E
9.000	0.0	344.9	2	31.79	-1-494E-02	-5-430E-02	4.611E 02	9.689E 02	-4.554E-01	-1.655E
9.100	0.0	345.0	×	31.82	-1.518E-02	-5.408E-02	70	-	-4.627E-01	-1.648E
9.200	0.0	345.0	¥ .	31.82	-1.518E-02	-5.533E-02	4.604E 02		-4.626E-01	-1.686E
9.300	0.0	345.0	×		-1.519E-02	-5.539E-02	4.604E 32		-4.629E-01	-1.688E
9.400	0.0	344.9	*	31.81	-1.518E-02	-5.286E-02	4.606E 02		-4.627E-01	-1.611E
9.500	0.0	344.9	¥	31.82	-1-496E-02	-5.278E-02	4.605E 02	9.699E 02	-4.561E-01	-1.609
009.6	0.0	345.0	*	31.81	-1.508E-02	-5.413E-02	4.605E U2		-4.595E-01	-1.650€
9.700	0.0	344.9	*	31.82	-1.555E-02	-5.596E-02	4.604E UZ	9.699E 02	-4.741E-01	-1.706E
9.800	0.0	345.0	*		-1.525E-02	-5.157E-02	4.607E 02	9.698E 02	-4.648E-01	-1.572E
006.6	0.0	345.0	Z.	31.82	-1.512E-02	-5.581E-02	4.604E 02	9.698E 02	-4.608E-01	-1.701E
10.000	0.0	344.9	*	31.81	-1.516E-02	-5.424E-02	4.608E 02		-4.621E-01	-1.653
10-100	0.0	344.9	1.015€ 00		-1.595E-02	-5.325E-02	4.605E 02		-4. 862E-01	-1.6236
10.200	0.0	344.9	w :	31.80	-1.590E-02	-5.639E-02	4.608E 02		-4.846E-01	-1.719E
10.300	0.0	344.8	*	31.80	-1-610E-02	-5.548E-02	4.609E UZ	_	-4.908E-01	-1.6916
000	0.0	2000		31.79	-1-622E-02	-5.794E-02	4.615E 02		-4.945E-01	-1. 766
10.500	0.0	2000	21	31.78	-1-629E-02	-5.539E-02	4.61ZE 02	9.687E 02	-4.9536-01	-1.688E
10.600	0.0	344.9	2	31.80	-1.5636-02	-5.359E-02	4.612E 02		-4. 764E -01	-1.634
10. 700	0.0	345.0	*	31.81	-1.488E-02	-5.595E-02	4-606E 02	_	-4.5366-01	-1.705
10.800	0.0	344.9	¥ !	31.02	-1.486E-02	-5.427E-02	4.602E UZ	9.698E 02	-4.5296-01	-1.6546
10.900	0.0	343.1	¥ !	31.82	-1.505E-02	-5.220E-02	4.603E 02		-4.587E-01	-1.5916
11.000	0.0	344.9	¥:	31.81	-1-475E-02	-5.310E-02	4.608E 02		-4.496E-01	-1.618
11.100	0.0	344.9		31.82	-1.466E-02	-5.361E-02	4.60%E UZ		-4.467E-01	-1.6346
11.200	0.0	345.0	*	31.81	-1.503E-02	-5.323E-02	Th.		-4.581E-01	-1.623
11.300	0.0	344.9	*	31.83	-1.5736-02	-5.257E-02			-4-795E-01	-1.602E
11.400	0.0	345.0	~	31.82	-1.508E-02	-5.055E-02	4.604E 02	_	-4.596E-01	-1.5416
11.500	0.0	345.0	*	31.82	-1.538E-02	-5.489E-02	4.603E 02	9.700E 02	-4.687E-01	-1.673
11.600	0.0	344.9	*	31.81	-1.522E-02	-5.318E-02	4.609E 42		-4.638E-01	-1.621E
11.700	0.0	344.9	*	31.82	-1.525E-02	-5.2746-02	4.609E UZ	13.	-4.647E-01	-1.607E
11.800	0.0	344.8	*	31.81	-1.564E-02	-5.565E-02	4.606E J2		-4. 768E-01	-1.696E
11.900	0.0	344.9	ž	31.80	-1.585E-02	-5.347E-02	4.608E UZ		-4.831E-01	-1.630E
12.000	0.0	344.9	*	31.78	-1.547E-02	-5.532E-02	4.6 10E UZ		-4.715E-01	-1.686E
12.100	0.0	344.9	×	31.80	-1.559E-02	-5.456E-02	4.606E U2	9.691E 02	-4.753E-01	-1.663E
12.200	0.0	344.9	*		-1.536E-02	-5.435E-02	4.609E 02	9.695E 02	-4.6836-01	-1.657E
12.300	0.0	344.9	1.015E 00	31.80	-1.490E-02	-9.252E-02	4.605E 32	9.694E 02	-4.542E-01	-1.601E
12.400	0.0	345.1	26	31.81	-1-51 RE-02	-5.2416-02	4.603F D2	0. 696E D2	-4. A2RE-01	-1-ADAE
					-		-	30 3000	10-30-00-	10000

EXPERIMENTAL DATA

RCDR	*	RUN	OSCL.	TENSION	LENGTH VELOCI	VEL OCITY	ACCEL.	TENSION	LENGTH	TH VELOCITY	ACCEL.
2	2 2	SEC	DEG	168		FT/SEC	FT/SEC/SEC	GRAM	5	CN/SEC	CM/SEC/SEC
8.6		•	345.0	*		-1.5196-02	-5.260E-02	4.608£ 02	9.695E 02	-4.631E-01	-1.603E 0
			344.9	SE.		-1.628E-02	-5.554E-02		9.696E 02	-4.961E-01	-1.693E 03
		0.0	344.9	1.015€ 00		-1.508E-02	-5.194E-02			-4. 597E-01	
			345.0	2		-1.558E-02	-5.192E-02		100	10-36+2·4-	
			344.9	9		-1.558E-02	-5.352E-02		9.692E 02	10-36+L-	
			344.9	25		-1.551E-02	-5.639E-02			-4.726E-01	
8			344.8	3	31.	-1.611E-02	-5.424E-02	350	-	10-3016·9-	100
			344.9	¥		-1-644E-02	-5.621E-02	4.609E 02		-5.011E-01	7
8.1			344.8	1.017E 00	31.	-1.687E-02	-5.719E-02			-5.142E-01	
		0.0	344.9	76		-1.518E-02	-5.770E-02	4.614E U2	9.689E 02	-4.626E-01	-1.759E 00
9.0	Ĭ	0.0	344.9	1.017E 00	31	-1.494E-02	-5.430E-02			-4.554E-01	
6		•	345.0	SE	31.	-1.518E-02	-5.408E-02	4.604E 02	-	-4.627E-01	-1.648E 00
9.			345.0	5E	31.	-1.518E-02	-5.533E-02			-4.626E-01	
9.3			345.0	1.015E 00		-1.519E-02	-5.539E-02		TS.	-4.629E-01	
9.			344.9	25		-1.518E-02	-5.286E-02	4.606E 02	9.696E 02	-4.627E-01	-1.611E 00
9.			344.9	SE SE	31.	-1.496E-02	-5.278E-02	4.605E 02	9.699E 02	-4.561E-01	-1.609E 00
9.6			345.0	2		-1.508E-02	-5.413E-02	4.605E U2	9.696E 02	-4.595E-01	
9.1		0.0	344.9	2	31.	-1.555E-02	-5.596E-02	4.604E UZ		-4.741E-01	
9.6			345.0	*	31.	-1.525E-02	-5.157E-02	4.607E 02	9.698E 02	-4.648E-01	-1.572E 00
9.0		•	345.0	1.015E 00		-1.512E-02	-5.581E-02		9.698E 02	-4.608E-01	-1.701£
6		0.0	344.9	9		-1.516E-02	-5.424E-02		9.695E 02	-4.621E-01	
			344.9	1.015E 00	31.85	-1-595E-02	-5.325E-02			-4. 862E-01	-1.623E 00
			344.9	7		-1.590E-02	-5.639E-02			10-3948-4-	
			344.8	1.0166 00		-1.610E-02	-5.548E-02			-4.908E-01	3.
0			344.8	*		-1.622E-02	-5.794E-02	4.615E 02		-4.945E-01	-1.766E 00
			344.8	7		-1.625E-02	-5.539E-02	4.612E 02	9.687E 02	-4.9536-01	
			344.9	1.017E 00		-1.5636-02	-5.359E-02	4.612E 02	9.692E 02	-4.764E-01	-1.634E 00
			345.0	*		-1.488E-02	-5.595E-02	4.606E 02		-4.536E-01	70
3		0.0	344.9	1.015E 00	31.	-1.486E-02	-5.427E-02	4.602E UZ		-4.529E-01	Æ
			345.1	2		-1.505E-02	-5.220E-02	720		-4.587E-01	56
-			344.9	1.016E 00		-1.475E-02	-5.310E-02		9.695E 02	-4.496E-01	
:			344.9	2E	31.82	-1.466E-02	-5.361E-02	4.604E UZ	9.698E 02	-4.46 7E-01	
-			345.0	*		:	-5.323E-02	34		-4.581E-01	700
-			344.9	2	31.83	-1.5736-02	-5.257E-02			-4. 795E-01	TA:
:			345.0	2		-1.508E-02	-5.055E-02			-4.596E-01	
-			345.0	w	31.	-1.538E-02	-5.489E-02		9.700E 02	-4.687E-01	-1.6736 00
1:			344.9	1.016E 00	31.	-1.522E-02	-5.318E-02	E	9.696E 02	-4.638E-01	-
-			344.9	*	31.85	-1.525E-02	-5.274E-02			-4.647E-01	
1:			344.8	*	31.	-1.564E-02	-5.565E-02	4.606E J2	9.695E 02	-4. 768E-01	
-			344.9	2		-1.585E-02	-5.347E-02	-	9.692E 02	-4.831E-01	-1.630E 00
2.1			344.9	w	31.	-1.547E-02	-5.532E-02			-4.715E-01	-1.686E
3.			344.9	2	31.	-1.559E-02	-5.456E-02	4.606E UZ	9.691E 02	-4.753E-01	-1.663E
2.			344.9	1.016E 00	31.	-1.536E-02	-5.435E-02	4.609E 02	9.695E 02	-4.683E-01	30
2.	12.300	0.0	344.9	1.015E 00	31.	-1.490E-02	-5.252E-02	4.605E 32	9.694E 02	-4.542E-01	-1.601E 00
2.1			345.1	1.015E 00		-1.518E-02	-5.261E-02	4.603E 02	9.696E 02	-4.628E-01	-1.604E
-			,	1					The state of the s		

EXPERIMENTAL DATA

RCDR	T RUN	ANGLE	LENSION	LENGTH	ALL OCT IN	ACCEL	IENSI CN	LENGIN	VELIGITY	Actel.
SEC	SEC	DEG	188	14	FT/SEC	FT/SEC/SEC	GRAM	5 182	CM/SEC	CM/SEC/SEC
17.200		346.5	75E	26.62	390	-5.730E-02	4.876E 02	8.114E 02	-6.420E 01	-1.747E 00
17.300		346.6	3€	26.44	390	-4.871E-02		8.059E 02	420E	-1.485E 00
17.400		346.5	72E	26.26	390	-6.280E-02	4.862E 02	8.004E 02	-6.420E 01	
17.500		346.4	6.7E	26.10	970	-3.567E-02	4.840E UZ	7.955E 02		31
17.600		346.5	999	25.92	390	-5.708E-02	4.84E 02	7.900E 02	-6.419E 01	-1.740E 00
17.700		346.5	306	25.74	990	-5.827E-02	4.853E UZ	7.845E 02	420E	-
17.800		346.5	7.2E	25.57	390	-4.848E-02	4.864E 02	7.794E 02	-6.419E 01	-1.478E 00
17.900		346.5	78E	25.38	390	-6.3736-02	4.890E 02	7.737E 02	-6.420E 01	
18.000		346.6	362	25.21	107E	-4-149E-02	4.893E 02	7.685E 02	-6.421E 01	-1.265E 0
18.100		346.5	310	25.04	390	-5.730E-02	4.905E 02	7.632E 02	-6.420E 01	-1.747E 00
18.200		346.5	BZE	24.85		-5.521E-02	4.909E uz	7.573E 02	-6.422E 01	-1.683E 00
18.300		346.3	82E	24.67	3901	-4.885E-02	4.908E 02	7.519E 02	-6.420E 01	-1.489E 00
18.400		346.4	38	24.49	107E	-7.268E-02	4.922E 02	7.466E 02	-6.421E 01	-2.215E 00
18.500		346.4	34	24.33	990	-4.527£-02	4.917E JL	7.416E 02	-6.420E 01	-1.380E 0
18.600		346.6	BZE	24-18	390 T	-5.863E-02	4.909E 02	7.36% 02	-6.418E 01	-1.787E 0
18.700		346.6	83E	23.99	.05E	-5.518E-02	4.910£ 02	7.313E 02	-6.417E 01	-1.682E 0
18. 500		346.6	BZE	23.84	990	-5.006E-02	4.906E 02	7.266E 02	-6.418E 01	-1.526E 0
16.900		346.6	93€	23.66	990	-6.611E-02	4.913€ 02	7.212E 02	-6.4196 01	-2.015E 0
19.000		346.6	346	23.49	390	-3.927E-02	4.9166 02	7.160E 02	-6.4196 01	-1.197E 0
19.100		346.5	*	23.32	96E	-5.5236-02	4.9166 02	7.100E 02	-6.4196 01	-1.684E 0
19.200		346.6	366	23.14	90E	-5.250E-02	4.9246 02	7.052E 02	-6.421E 01	-1.600E 0
19.300		346.6	85E	22.97	.05E	-4.240E-02	4.920E 02	7.001E 02	-6.4166 01	-1.292E 0
19.400		346.6	*	22.81	105E	-6.704E-02	4.910E 02	6.953E 02	-6.417E 01	-2.043E 0
19.500		346.6	346	75.61	386	-4.436E-02	4.918E 02	6.892E 02	-6.4166 01	-1.352E O
19.600	2.800	346.6	1.085E 00	22.45	-2.106E 00	-6.140E-02	4-921E 02	6.844E 02	-6.418E 01	-1.871E O
14. 700		346.5	200	22.23	07E	-5.682E-02	4.928E 02	6.793E 02	-6.421E 01	-1.732E 0
19.800		346.5	*	22.09	100	-4.5896-02	4.916E 02	6.733E 02	-6.4196 01	-1.399E 0
19.900		340.5	Ų.	26-17	30	-6.697E-02	4.917E 02	0.650E 02	-0.4186 01	-2.041E 0
20.000		346.5	4	21.74	390 T	-4.801E-02	4.916E 02	6.627E 02	-6.4196 01	-1.463E 0
001.00		240.0	2	75-17		-3.4/9E-02	4.912E 02	9.576E UZ	10 3010-0	-1.670E U
20-200		340.0	25	14-17	000	-6.229E-02	4.922E 02	6-525E 02		-1.899E
20.300		340.	835	\$2.17	200	-3.987E-02	4.912E 02	60474E 02	-6.417E 01	-1.215E 0
20.400		346.1	BZE	21.07		-6.373E-02	4.907E 02	6.421E 02	-6.416E 01	-1.9425 0
20.500		340.1	BIE	16.07	026	-4.867E-02	4.905E 02	6.372E 02	-6.417E 01	-1.483E 0
20. 600		346.7	BIE	20.73	OSE	-5.136E-02	4.903E JZ	6.318E 02		-1.565E 0
20- 100		346.6	82E	20.55	05E	-6-127E-02	4.909E 02	6.264E 02		-1.868E 0
20.800		346.7	916	20.38		-4.951E-02	4.904E 02	6.212E 02		-1.509E 0
20.900		346.6	BIE	20.19	990	-6.442E-02		6-154E 02		-1.963E 0
21.000		346.7	916	20.03	80 E	-4-744E-02	4.902E 02	6-105E 02		-1.446E 0
21-100		346.7	306	19.83		-4-846E-02	4.897E 02	6.044E 02	-6.416E 01	-1.477E 0
21.200		346.6	916	19.66	05E	-5.970E-02	4.904E UZ	5.992E 02	-6.417E 01	-1.820E 0
21.300		346.7	80E	19.48	9901	-4.953E-02	4.899E 02	5.939E 02	-6.418E 01	-1.510E O
21.400		346.5	91E	19.30	390 T	-6.533E-02	4.902E 02	5.883E 02	-6.418E 01	-1.991E 0
21.500	1.700	346.5	81E	19.12		-5.352E-02	4.905E 02	5.828E 02	-6.420E 01	-1.631E 0
21.600		346.6	38 L	18.93	-	-4.360E-02	4.888E UZ	5.769E 02	-6.416E 01	-1.329E 0

EXPERIMENTAL DATA

									and		
RCOR	RUN	OSCL.	TENSION		LENGTH	VEL DC I TY	ACCEL.	TENSION	LENGTH	VELOCITY	ACCEL.
1.16	TIME	ANGLE									
SEC	SEC	990	185		7	FT/SEC	FT/SEC/SEC	GRAM	3	CN/SEC	CN/SEC/SEC
21.800	8.000	346.7	SE	00	18.59	-2.106E 00	-4.5166-02	4.8786 34	5.667E 02	-6.410E 01	-1.376E 00
21.900	8.100	346.7	SE .	00	18.43		-6.344E-02	4.876E JZ	5.617E 02	-6.4166 01	-1.934E 00
22.000	8.200	346.8	3	00	18.25	-2.106£ 00	-5.1666-02	4.879£ 02	5.564E 02	-6.410E 01	-1.575E 00
22.100	8.300	346.7	99	00	18.10		-4.262E-02	4.882E U2	5.516E 02	-6.4146 01	299E
22.200	8.400	346.7	*	00	17.92	-2.105E 00	-5.970E-02	4.872E 02	5.461E 02	-6.415E 01	
22.300	8.500	346.7		00	17.74	-2.105E 00	-4.946E-02	4.875E UZ	5.408E 02	-6.415E 01	-1.507E 00
22.400	8.600	346.7	8	8	17.57	-2.104E 00	-5.8236-02	4.855E UZ	5.354E 02	-6.4146 01	-1.775E 00
22.500	8.700	346.7	2E	00	17.40	-2.105E 00	-5.890E-02	4.863E 02	5.302E 02	-6.417E 01	-1.795E 00
22-600	8.800	346.1	2E	8	17.22	-2.105E 00	-3.956E-02	4.862E UZ	5.249E 02	-6.415E 01	-1.206E 00
22.700	8.900	346.8	*	00	17.04		-6.6296-02	4.871E 02	5.195E 02	-6.415E 01	-2.021E 00
22.800	000-6	346-8	3	8	16.87	-2.105E 00	-4.648E-02	4.881E 02	5-142E 02	-6.416E 01	-1.417E 00
22.900	9.100	346.8	76	00	16.70	-2.10\$E 00	-5.508E-02	4.886E 02	5.091E 02	-6-415E 01	-1-679E 00
23.000	9.200	346.6	-	00	16. 52	-2.105E 00	-6.101E-02	4.899E 42	5.035E 02	-6.417E 01	
23.100	9.300	346.6	E	00	16.34	-2-105E 00	-4.616E-02	4.903E 02	4.980E 02	-6.416E 01	-1.407E 00
23.200	9.400	346.6	E	8	16-17	-2-105E 00	-6.243E-02	4.901E 02	4.927E 02	-6.416E 01	-1.903E 00
23,300	9.500	346.7	*	00	16.00		-5.412E-02	4.894E 02	4.877E 02	-6.416E 01	-1.649E 00
23.400	9.600	346.8	96	00	15.83	-2-104E 00	-4.765E-02	4.889£ 02	4-826E 02	-6.414E 01	-1.452E 00
23.500	9.700	346.8	*	00	15.66	-	-5.823E-02	4.891E 02	4.774E 02	-6.413E 01	-1.775E 00
23.600	9.800	346.8	96	00	15.50		-4.630E-02	4.888E 02	4.723E 02	-6.413E OL	-1.411E 00
23. 700	9.900	346.8	75	8	15.33	-2.105E 00	-5.758E-02	4.885E u2	4.674E 02	-6.416E 01	-1.755E 00
23.800	10.000	346.8	*	00	15.15	-2.105E 00	-5.442E-02	4.891E U2	4.617E 02	-6.417E 01	-1.659E 00
23.900	10.100	346.7	¥	00	14.98	-2.10% 00	-5.208E-02	4.873€ 04	4.566E 02	-6.416E 01	-1.587E 00
24-000	10.200	346.8	*	00	14.80	-2.105E 00	-5.517E-02	4.875E 02	4.511E 02	-6.415E OL	-1.681E 00
24.100	10.300	346.8	2	8	14.65	-	-4.448E-02	4.875E 02	4.465E 02	-6.415E 01	-1.356E 00
24.200	10.400	346.8	1.074	8	14.49	-	-5.774E-02	4.871E 02	4.415E 02	-6.413E 01	-1.760E 00
24.300	10.500	346.8	*	0	14.30	-	-6.173E-02	4.872E 02	4.357E 02	-6.415E 01	-1. 881E 00
24.400	10.600	346.8	2E	0	14.13	-2.105E 00	-4.729E-02	4.853E 02	4.306E 02	-6.416E 01	-1.441E 00
24.500	10-100	346.7	2E	8	13.94	-2.105E 00	-6.251E-02	4.862E 02	4.249E 02	-6.415E 01	-1.905E 00
24.600	10-800	346.6	1.071E	8	13.76	-2.105E 00	-4.030E-02	4.857E 02	4.195E 02	-6.4166 01	-1.228E 00
24-700	10-900	346.6	1.070	8	13.57	-2.104E 00	-5.761E-02	4.8546 02	4-135E 02	-6.414E 01	-1.756E 00
24.800	11.000	346.7	1.068E	00	13.40	-2.105E 00	-6.559E-02	4.846E 02	4.083E 02	-6.416E 01	-1.999E 00
24.900	11.100	346.8	-	0	13.22	-2.105E 00	-5.449E-02	4.84E 02	4.030E 02	-6.4166 01	-1.661E 00
25.000	11.200	200	E :	8	13.05	-	-2.983E-0Z	4.840E 02	3.979E 02	-6.416E 01	-1.824E 00
25.100	11.300	346.9	-	00	12.88	-2.105E 00	-5.067E-02	4.838E 02	3.926E 02	-6.415E 01	-1.544E 00
25.200	11.400	346.9	w	00	12.71	-2.105E 00	-4.976E-02	4.840E UZ	3.873E 02	-6.415E 01	-1.517E 00
25.300	11.500	346.9	*	00	15.54	-2.105E 00	-6.098E-02	4.844E 04	3.822E 02	-6.416F 01	-1.859E 00
25.400	11.600	346.9	*	8	12.36	-2.105E 00	-4.626E-02	4.847E UZ	3.768E 02	-6.415E 01	
25.500	11.700	346.8	*	00	12.19	-2.105E 00	-5.668E-02	4.849E 02	3.716E 02	-6.416E 01	200
25.600	11.800	346.9	ž	8	12.02	-	-4.908E-02	4.834E 02	3.665E 02	-6.416E 01	-1.496E 00
25.700	11.900	346.7	1.064	00	:	-	-4.693E-02	4.827E JZ	3.608E 02	-6.414E 01	-1.431E 00
25.800	12.000	346.8	1.061	00	11.68	_	-5.980E-02	4.8136 04	3.561E 02	-6.414E 01	-1.823E 00
25.900	12.100	346.9	1.059€	8	11.51	-2.105E 00	-4.751E-02	4.802E 02	3.507E 02	-6.415E 01	-1.448E 00
26.000	12.200	346.9	1.05€	00	11.33	-2.104E 00	-5.645E-02	4.800E 02	3.452E 02	-6.414E 01	-1.721E 00
26.100	12.300	346.8	4	8	11.15	-2.105E 00	-5.763E-02	4.782E UZ	3.398£ 02	-6.416E 01	-1.757E 00
76.200	12.400	346.8	¥	00	10.97	-2.105E 00	-4.969E-02	4.780E U2	3.344E 02	-6.415E 01	-1.515E 00
24.300	12.500	346.7	*	00	10.79	-2.105E 00	-6.024E-02	4.784E 02	3.289€ 02	-6.416E 01	-1.836E 00

EXPERIMENTAL DATA

	27.1	0.50	TENSION	LENG TH	VEL OCT TY	ACCEL.	TENSION	LENGTH	VELOCITY	ACCEL.
SEC	SEC	DEG	1.65	F1	FT/SEC	FT/SEC/SEC	GRAM	5	CM/SEC	CN/SEC/SEC
6.400		346.7		19.01	-2.105E 00	-5.034E-02	4-783E u2	3.235E 02	-6.415E 01	-1-534E
6.500		346.8	1.056E 00	10.45	_	-6.340E-02	4.790E 02	3.184E 02		-1.932E 0
009.9		346.9		10.28	-2.106E 00	-6.3136-02	4.792E 02	3.132E 02	-6.4166 01	-1.9246 0
6- 700		346.9	100	10.10	-	-4.085E-02	4. 797E JZ	3.080E 02	19E	-1.245E 0
9.800		346.9	Silve	9.94	-	-6.058E-02	4.804E 02	3.031E 02	-6.4146 01	-1.847E 0
6.900		346.9	30	9.19	_	-4-775E-02	4.799E 02	2.984E 02	176	-1.455E 0
2.000		346.9		69.63	104E	-4.946E-02	4.804E 02	2.935E 02	-6.4136 01	910
7.100		346.9		9.46	_	-6.570E-02	-	2.884E 02	-6.4176 01	-2.003E 00
7.200		346.9		62.6	-	-4.226E-02		2.831E 02	-6.4176 01	-1.288E 0
7.300		346.9		01.6	_	-5.464E-02		2.173E 02		-1.663E D
7.400		346.9		8.94	-	-4.455E-02	4.780E 02	2.723E 02	-6.4156 01	-1.358E 0
7.500		347.0		8.15	-	-4.647E-02	4.776E U2	2.667E 02	136	-1.416E
7.600		346.9		8.58	-	-5.847E-02		2.616E 02	3511	-1.782E 0
7. 700		346.8		8.41	-	-4.651E-02	20	2.562E 02	1156	-1.418E
7.800		346.9		8.22	-	-6.433E-02	4.783E 02	2.506E 02	11SE	-1.961E
7.900		346.9		9.04	-2.106E 00	-5.871E-02	4.763E 02	2.450E 02	133	-1.789E 0
8.000		346.8		7.87	-	-4.219E-02	4.778E 02	2.398E 02	-6.413E 01	-1.286E 0
8.100		346.9		1.69	-2.105E 00	-6.779E-02	4.780E 32	2.345E 02	16E	-2.066E 0
8.200		346.9		7.53	-	-3.770E-02	4.769E 32	2.295E 02	-6.416E 01	-1.149E 0
8.300		346.9		7.36	-	-6.239E-02	4-775E UZ	2.242E 02	-6.4136 01	-1.90ZE 0
200		346.0		07-7		-5.929E-02	4-700E 02	20 346 77		-1.807E
200		347.0			-2-104e 00	-4.30(E-02	4.100E UZ	2 067E 02	10 3414-0-	-1.3746
700		347.0			20102	-4.0375-02	4.740E 02	2.034E 02	10 3614-9-	1 226 O
8.800		347.1	1.0546 00	2		-6.184E-02	4.781E 02	1.9816 02	-6-413F 01	-1-885F 0
8.900		346.9		6.32	-	-5.869E-02		1.927E 02		-1.789E 0
9.000		346.9	10.78	6.15	-2.104E 00	-3.985E-02	13	1.873E 02	-6.414E 01	-1.215E 0
9.100		347.1	1.05€ 00	5.8	-2.10\$£ 00	-6.421E-02		1.816E 02	-6.416E 01	-1.957E 0
9.200		346.9		5.78	-	-3.676E-02	4.78TE 02	1.762E 02	-6.417E 01	-1.120E 0
9.300		346.9		3.8	-2.105E 00	-5.911E-02		1.708E 02	-6.415E 01	-1.802E 0
9.400		346.9	1.061E 00	2.45		-6.191E-02		1.652E 02	-6.416E 01	-1.887E
9.500		346.9	1.061E 00	5.24	-2.105E 00	-4.953E-02		1.596E 02	156	-1.5106
4.600		340.9	1-062E 00	2.01	-2.105E 00	-6.24ZE-02		1.545E 02	-6.4176 01	-1.90ZE
2007		340.9	1-058E 00	3	-2.106E 00		4-800E 02	1.4936 02	10 3614-0-	-1.3786
2000		340.0	1.0456 00	:2	-1.890E 00	3.355 00	1416	1.4486 02	-5. 761E 01	1.022E 0
36		343.3	1.002E 00	2:	10-3077-6-	3.038E 00		1.9922 02	10 3887-1-	
200		2000	700	25	4.410E-02	-3.370E-01	20	1.00 JE 02	1.283E 00	033E
200		7.005		4.73	-1.5635-02	-2.309E-01		1.4426 02	10-3692	037E
300		246	0 400E-01		20-3716-1-	4.0335-03		70 3044-1	10-376.	10-3716-1
200		342.0			: .	20-20-0-		20 3544-1	10-3981-4-	3076
200		346.7				-4.39 re-02	7	1.455 02		
200		34201				70-344-6-	7	70 3244-1	10-3666-4-	1046.1-
200		343.		::		20-31116-07	74	70 3644-1		-1.450E
30-700		345.7	9-2365-01	**	-1.463E-02	-4.679E-02	4.18% 02	1.445E 02	10-486-01	-1.429E
2000			۱		-	-				

EXPERIMENTAL DATA

	7	1730	TENCTON	THU TE	VEI OC 1 TV	ACCEL	TENCTIM	. Curtu	VEI OCITY	ACCEL
ACDR 11 ME	TIME	ANGLE		Lengin		Week.	101011	Leagun		
SEC	SEC	DEG	188		FT/SEC	FT/SEC/SEC	GRAM	5	CH/SEC	CM/SEC/SEC
11.000	0.0	345.6	9.4536-01	4.72	-1.579E-02	-5.015E-02	4.288E 02	1.440E 02	-4.812E-01	-1.528E 00
11.100	0.0	345.6	9.5836-01	4.72	-1.562E-02	-5.187E-02	4.347E J2	1.440E 02	-4.761E-01	-1.581E 00
	0.0	345.6	-36	4.69	-1.607E-02	-5.246E-02	4.404E 02		-4.897E-01	-1.599E OC
31.300	0.0	345.6	9.858E-01	4.71	-1.538E-02	-5.274E-02	4.471E 02	670	-4.689E-01	-1.607E 00
	0.0	345.7		4:13	-1.487E-02	-5.012E-02	4.544E 02		-4. 532E-01	-1.528F OC
1-500	0.0	345.7		4.73	-1.411E-02	-5.187E-02	4.606E 02	1.441E 02	-4-302E-01	-1.5816 00
1. 600	0.0	345.8		4.74	-1.431E-02	-5-132E-02	4.669E 02		-4-362E-01	-1.564E OC
1.700	0.0	345.7	1.042E 00	4.75	-1.447E-02	-5.132E-02			-4-409E-01	-1.564E OC
1.800	0.0	345.8		4.74	-1.385E-02	-4.999E-02	4.773E 02	1-443E 02	-4-221E-01	-1.524E 00
31.900	0.0	345.8		4.75	-1.452E-02	-5-339E-02	4.809E U2		-4-427E-01	-1.627E 00
2-000	0.0	345.8	1.067E 00	4.74	-1.504E-02	-4.968E-02	4.842E 02		-4.545E-01	-1.5146 0
2-100	0.0	345.7		4.74	-1.483E-02	-5.147E-02	4.859E J2		-4.521E-01	-1.569F 00
2.200	0.0	365.7	1.070F 00	4.75	-1.411F-02	-4.951E-02	4.855F U2		-4. 302F-01	300S
2.300	0.0	345.7		* 7.	-1-418F-02	-5.172F-02	4.849E 02	10	-4.3236-01	-1.57kF 0
2.400	0.0	345.7	1.0636 00	4.73	-1.509F-02	-4.00RF-02	4.823E 02		-4. 400E-01	-1. 523E D
2.500	0.0	345.7	1.05AF 00	12.	-1.547E-02	-5.168F-02	4.788E 02	107	-4. 485E-01	-1-575E D
2.400		348.8	,		-1 5126-02	- K 0776-02	4 783E 02		10.36	2000
200		346.6	0300	1	SOIE OF	- S O 4 16 - 0.2	4 7006 02		10000	0 3042-1-
200		346 4			20-31000	70-3140-6-	20 30101		10-3016	0 3066-1-
2000		345	2 4	2;	1.5055-02	20-36-02	4.000 UZ		10-3000-1-	0 3960-1-
2000		346 7	200 3000		1.2045-02	-2-240E-02	4.010 02	70 30 E	10-3406-4-	-1.613E U
200		345	,	1	20-3166-1-	20-31116-02	4.2075 02		10-3600-	D 3000-1-
2010		242.0	10-31/6-6		20-36-05	-20-DEBE-02	30 343C+	70 35 07	10-3064-4-	-1.551E U
3-200		343.0	7.595E-01	::	-1.30ce-02	-2-181E-02	4.188E UL		-4-192E-01	-1.579E 0
3-300	0.0	343.1	10-3079·6		70-317-1-	70-3/1/	4.45/E 02		-4.3306-01	-1.438E 0
3-400	0.0	345.8	9.7756-01	4.75	-1.275E-02	-5.231E-02	4.434E 02		-3.887E-01	-1.594E 0
3.500	0.0	345.7	9.7396-01	*:	-1.487E-02	-5.015E-02	4.418E 02		-4.531E-01	-1.528E 0
3.600	0.0	345.7	9° 71 1E-01	4:13	-1.403E-02	-4.961E-02	4.405E 02		-4.275E-01	-1.512E 0
3.700	0.0	345.6	9.732E-01	4:13	-1.420E-02	-4.957E-02	4.414E 02	1.443E 02	-4.328E-01	-1.511E 0
3.800	0.0	345.8	9.735E-01	4.75	-1.455E-02	-4.922E-02	4.416E 02	53	-4.435E-01	-1.500E O
3.900	0.0	345.7	9.7756-01	4.73	-1.421E-02	-4.943E-02	4.434E 02	1.447E 02	-4.330E-01	-1.507E 0
4.000	0.0	345.6	36	4.75	-1.403E-02	-4.980E-02			-4.277E-01	-1.518E 0
4.100	0.0	345.6	- N	4.73	-1.561E-02	-4.758E-02	4.489E 02	1.442E 02	-4. 758E-01	-1.450E 0
4.200	0.0	345.6	¥	4.7	-1.523E-02	-5.478E-02	4.519E U2	1.444E 02	-4.642E-01	-1.670E 0
14.300	0.0	345.6	*	4.73	-1.567E-02	-5.474E-02	4.554E UZ	1.443€ 02	-4.777E-01	-1.66BE 0
4.400	0.0	345.6	_	4.72	-1.564E-02	-5.388E-02	4.586E U.	1.440E 02	-4. 768E-01	-1.642E 0
4-500	0.0	345.7		4.72	-1.402E-02	-5.449E-02	4.6134 02	1.438£ 02	-4-273E-01	-1.661E 0
94.600	0.0	345.8	1.023E 00	4.73	-1.400E-02	-5.192E-02	4.640E 02	1.441E 02	-4.268E-01	-1.583E 0
34. 700	0.0	345.7	_	4.74	-1.543E-02	-5.315E-02	4.671E 04	1.444E 02	-4. 702E-01	-1.620E 0
34.800	0.0	345.7	_	*: *	-1.550E-02	-5.206E-02	4.689E UZ	1.445E 02	-4.7236-01	-1.587E 0
4.900	0.0	345.8		*: *	-1.500E-02	-5.671E-02	4.703E 04	1.445E 02	-4.572E-01	-1.729E 0
9.000	0.0	345.8	-	4.73	-1.547E-02	-6.176E-02	4.721E JZ		-4-714E-01	-1.882E 0
5.100	0.0	345.7	-	4.75	-1.660E-02	-5.653E-02	4.725E 02	1.447E 02	-5.060E-01	-1.723E 0
5.200	0.0	345.8	-	4.74	-1.727E-02	-5.359E-02	4.719E uz	1.445E 02		-1-634F D
5.300	0.0	345.8	-	4.74	-1.768E-02	-4.853E-02	4.713E 02	1.444 02	-5.388F-01	-1.479F D
35.400	0.0	345.7	1.036€ 00	4.75	-1.751E-02	-4.575E-02	4.698E 04	1-448E 02	-5-338E-01	-1.394E D
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EXPERIMENTAL DATA

The color	RCOR	RUN	OSCL.	TENSION	LENGTH	LENGTH VELOCITY	ACCEL.	TENSION	LENGTH	VELOCITY	ACCEL.
1.024 0.0 0.	SEC	SEC	ANGLE	188	:	FT/SEC	FT/SEC/SEC	GRAM	5	CN/SEC	CH/SEC/SEC
0.00 0.45, 7 1.0206 0.47 1.7486-02 -5.4046-02 -5.4066 0.1 1.4486 0.2 -5.4066-01 -5.4066 0.1 -5.406	35.600	0.0	345.7	397	4.73	:	5	4.652E 02		5.151E	-1.568E 0
0.00 0.45.4 0.000 0.473 0.17886-02 0.45016 0.1 0.4488 0.2 0.5406-01 0.000 0.4544 0.000 0.45440-01 0.000 0.45440-01 0.4546 0.1 0.4488 0.2 0.5428-01 0.4488 0.2 0.5428-01 0.4488 0.2 0.5428-01 0.4488 0.2 0.4488 0.2 0.5428-01 0.4488 0.2 0.4488 0.2 0.5428-01 0.4488 0.2 0.4488 0.2 0.5428-01 0.4488 0.2 0.4488 0.2 0.5428-01 0.4488 0.2 0.4488 0.2 0.4488 0.2 0.5428-01 0.4488 0.2 0	35.700	0.0	345.7	302	4.74	-	-5.3196-02	4.627E 02		5.332E	
1.00 1.00	35.800	0.0	345.6	391	4:73		-5.401E-02		200	-5.440E-01	
0.0 345.7 10.005 00 4.77 -1.0312-02 5.5286-02 4.5556 02 1.4456 02 5.5286-01 -1.005 00 4.57 1.0055 00 4.77 -1.7356-02 5.5286-02 1.4456 02 5.5286-01 -1.005 00 4.57 1.0056 02 4.5286-02 4.5286-02 1.4456 02 5.5286-01 -1.005 00 5.5286-01 4.77 -1.7256-02 5.5286-02 4.566 02 1.4456 02 5.5286-01 -1.005 00 5.5286-01 4.77 -1.0312-02 4.506 02 1.4456 02 5.5286-01 -1.005 00 5.5777-01 4.77 -1.0312-02 4.506 02 1.4456 02 5.5286-01 -1.005 00 5.5777-01 4.77 -1.0312-02 4.506 02 1.4456 02 5.5286-01 -1.005 00 5.5777-01 4.77 -1.0212-02 4.5286-02 4.506 02 1.4456 02 5.5286-01 -1.005 00 5.5777-01 4.77 -1.0212-02 4.5286-02 4.506 02 1.4456 02 5.5286-01 -1.005 00 5.5777-01 4.77 -1.0212-02 4.5286-0	35.900	0.0	345.7	*	4.73		-5.204E-02		3	520E	386E
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	36.000	0.0	345.7	356	4.72		-5.438E-02		770	-5.526E-01	657E
1.00 1.00	36-100	0.0	345.6	=	4.73		-5.526E-02	0007		-5.597E-01	684E
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	36.200	0.0	345.7	75-	4.72	ä.	-5.380E-02			-5.4286-01	\$40E
1,000, 0,000,	20.00		345	7 7		i .	-20100E-02		3744	10-3446-6-	301E
14.5 9.91125-01 4.75 1.6675-02 4.9785-02 4.9785 0.2 1.4455 0.2	34.500		345.8	180	**	: -	-4-7116-02	4.490E 02	78.5	-5.1546-01	346
0.0 0.0	36.600	0.0	345.7	ZE-	4.75		-4-618E-02	4-496E UZ		-5.0016-01	-1-4076 00
0.0 345.7 9.946f 0.1 4.74 -1.7022-02 -5.427f 0.2 1.4446 0.2 5.394f 0.1 1.000 0.0 345.7 9.946f 0.1 4.74 -1.7022-02 4.532f 0.2 1.4446 0.2 1.4446 0.2 1.4546 0.0 1.000 0.0 345.7 9.946f 0.1 4.76 -1.717f 0.2 4.534f 0.2 1.4446	36.700	0.0	345.7	-36	*: *	-1.672E-02	-4.924E-02	4.497E 02	3.440	-5.0956-01	310
0.0 345.7 9.996E-01 4.74 -1.740E-02 4.53EE 02 1.456E 02 -5.23E-01 -1.00. 0.0 345.7 1.000E 00 4.74 -1.759E-02 4.53E 02 1.456E 02 -5.23E-01 -1.00. 0.0 345.7 1.000E 00 4.74 -1.059E-02 4.53E 02 1.456E 02 -5.20E-01 -1.00. 0.0 345.6 1.013E 00 4.74 -1.707E-02 4.53EE 02 1.456E 02 -5.20E-01 -1.00. 0.0 345.6 1.013E 00 4.74 -1.707E-02 4.53EE 02 1.45EE 02 -5.20E-01 -1.00. 0.0 345.6 1.021E 00 4.71 -1.735E-02 5.30E-02 4.63E 02 1.45EE 02 -5.20E-01 -1.00. 0.0 345.6 1.021E 00 4.71 -1.735E-02 5.00E-02 4.63E 02 1.45EE 02 -5.20E-01 -1.00. 0.0 345.7 1.022E 00 4.71 -1.735E-02 5.00E-02 4.64EE 02 1.45EE 02 -5.20E-01 -1.00. 0.0 345.8 1.022E 00 4.77 -1.65E-02 5.30E-02 1.44EE 02 -5.20E-01 -1.00. 0.0 345.8 1.022E 00 4.77 -1.65E-02 5.30E-02 1.44EE 02 -1.49EE 02 -5.20E-01 -1.00. 0.0 345.8 1.022E 00 4.77 -1.65E-02 5.30E-02 1.44EE 02 -1.49EE 02 -5.00E-02 1.44EE 02 -5.00E-02 1.44EE 02 -5.00E-02 1.44EE 02 -5.00E-01 -1.00. 0.0 345.8 1.022E 00 4.74 -1.65E-02 5.30E-02 1.44EE 02 -1.49EE 02 -5.00E-01 -1.00. 0.0 345.8 1.022E 00 4.74 -1.65E-02 5.30E-02 1.44EE 02 -5.00E-01 -1.00. 0.0 345.8 1.022E 00 4.74 -1.65E-02 5.30E-02 1.44EE 02 -1.44EE 02 -5.00E-01 -1.00. 0.0 345.9 1.001E 00 4.74 -1.65E-02 5.30E-02 1.44EE 02 -1.44EE 02 -5.00E-01 -1.00. 0.0 345.1 1.001E 00 4.74 -1.65E-02 5.30E-02 1.44EE 02 -1.44EE 02 -5.00E-01 -1.00. 0.0 345.1 1.001E 00 4.74 -1.65E-02 5.30E-02 1.44EE 02 -1.44EE 02 -5.00E-01 -1.00. 0.0 345.1 1.000E 00 4.74 -1.65E-02 4.35E-02 1.44EE 02 -1.44EE 02 -5.00E-01 -1.00. 0.0 345.1 1.000E 00 4.74 -1.65E-02 4.35E-02 1.44EE 02 -1.44EE 02 -5.00E-01 -1.00. 0.0 345.1 1.000E 00 4.74 -1.65E-02 4.35E-02 1.44EE 02 -1.44EE 02 -5.00E-01 -1.00. 0.0 345.1 1.000E 00 4.77 -1.63E-02 4.35E-02 1.44EE 02 -1.44EE 02 -5.00E-01 -1.00. 0.0 345.1 1.000E 00 4.77 -1.63E-02 4.35E 02 1.44EE 02 -1.44EE 02 -5.00E-01 -1.00. 0.0 345.2 1.000E 00 4.77 -1.63E-02 4.35EE 02 1.44EE 02 -1.44EE 02 -5.00E-01 -1.00. 0.0 345.1 1.000E 00 4.77 -1.63E-02 4.35EE 02 1.44EE 02 -1.44EE 02 -5.00E-01 -1.00. 0.0 345.1 1.000E 00 4.77 -1.63E-02 4.35EE 02 1.44EE 02 -1.44EE 02 -5.00E-01 -1.00. 0.0	36.800	0.0	345.8	78-	*:4		-5.4276-02	4.507E 02	100	-5.186E-01	154E
0.0 345.7 1000% 0.0 4.77 -1.717E-02 -4.594E-02 1.4958 02 1.4958 02 5.099E-01 -1. 0.000% 0.0 4.77 -1.6606E-02 -4.738E-02 4.5958 02 1.4958	36.900	0.0	345.7	46-	4:4	-		4.520E 02		-5.304E-01	SZOE
9.0 345.7 1.000% 00 4.74 1.6996-02 4.7086-02 4.559% 02 1.4446 02 5.51776-01 1.10.00% 00 345.8 1.000% 00 4.74 1.6996-02 4.509% 02 1.4446 02 5.51776-01 1.10.00% 00 4.74 1.6996-02 4.599% 02 1.4446 02 5.51776-01 1.10.00% 00 4.77 1.	37.000	0.0	345.7	3	4.76	-1.717E-02	-4.554E-02	4-532E 02		-5.233E-01	3886
0.0 345.8 1.000F 00 4.74 1.009F-02 -5.390F-02 4.5569E 02 1.445E 02 -5.120E-01 1.000F 00 4.77 1.170F-02 -5.390F-02 4.659E 02 1.445E 02 -5.120E-01 1.000F 00 4.77 1.170F-02 -5.390F-02 4.659E 02 1.455E 02 -5.20E-01 1.000F 00 4.71 1.173E-02 -5.390F-02 4.659E 02 1.455E 02 -5.20F-01 1.000F 00 4.71 1.173E-02 -5.30E-02 4.658E 02 1.455E 02 -5.20F-01 1.000F 00 4.71 1.173E-02 -5.06E-02 4.658E 02 1.455E 02 -5.20F-01 1.000F 00 4.77 1.005F 00 4.77 1.0	37.100	0.0	345.7	*	*: *		-4.7046-02			-5.059E-01	1346
945.6 1.013.6 00 4.73 1.1730.0.2 4.539.0.2 1.4450.0 2 1.4450.0 2 1.5.276.0 1.0.0 345.6 1.013.0 00 4.73 1.1730.0.2 5.340.0.2 1.430.0 1.430.0 2 1.5.276.0 1.0.0 0.0 345.6 1.002.0 0 4.71 1.17410.2 5.5400.0 2 1.430.0 2 1.430.0 2 1.5.276.0 1.0.0 0.0 345.6 1.002.0 0 4.71 1.1730.0 2 5.0600.0 1.4450.0 1.4450.0 2 5.5.246.0 1.0 0.0 345.7 1.002.0 0 4.72 1.6675.0 2 5.0600.0 1.4450.0 2 1.4450.0 2 5.0060.0 0 0.0 345.8 1.002.0 0 4.74 1.6675.0 2 5.0600.0 1.4450.0 2 1.4450.0 2 5.0060.0 0 0.0 345.8 1.002.0 0 4.74 1.6675.0 2 5.0600.0 1.4450.0 2 5.0060.0 1.4450.0 2 5.0060.0 1.0 0.0 345.8 1.002.0 0 4.74 1.6675.0 2 5.0160.0 2 1.4450.0 2 5.0060.0 1.0 0.0 345.8 1.002.0 0 4.74 1.6675.0 2 5.0160.0 2 1.4450.0 2 5.0060.0 1.0 0.0 345.8 1.002.0 0 4.74 1.6675.0 2 5.0160.0 2 1.4450.0 2 5.0060.0 1.0 0.0 345.8 1.002.0 0 4.74 1.6675.0 2 5.0160.0 2 1.4450.0 2 5.0060.0 1.0 0.0 345.8 1.002.0 0 4.74 1.6675.0 2 5.0160.0 1.4450.0 2 5.0060.0 1.0 0.0 345.8 1.002.0 0 4.74 1.6675.0 2 5.0160.0 2 1.4450.0 2 5.0060.0 1.0 0.0 345.8 1.002.0 0 4.74 1.6675.0 2 5.0160.0 2 1.4450.0 2 5.0160.0 1.0 0.0 345.8 1.003.0 0 4.74 1.6675.0 2 5.0160.0 2 1.4450.0 2 5.0160.0 1.0 0.0 345.7 1.0040.0 0 4.74 1.6675.0 2 5.0160.0 2 1.4450.0 2 5.0160.0 1.0 0.0 345.7 1.0040.0 0 4.74 1.6675.0 2 5.0160.0 2 1.4450.0 2 5.0160.0 1.0 0.0 345.7 1.0040.0 0 4.73 1.16440.0 2 5.0360.0 1.4450.0 2 5.0160.0 1.4450.0 0 4.74 1.6460.0 2 5.0360.0 1.4450.0 0 1.4450.0	37.200	0.0	345.8	2	2:		-4.738E-02	1		-5.177E-01	395
1.0 1.0	37.300	0.0	345.7	*;	21	-1.707E-02	-5-2936-02	4-596E 02	77	-5.202E-01	1136
945.7 1.0256 00 4.71 -1.735E-02 -4.008E-02 1.458E 02 1.458E 02 -5.288E-01 -1. 945.7 1.0256 00 4.72 -1.655E-02 -5.026E-02 4.668E 02 1.458E 02 -5.288E-01 -1. 945.8 1.0259 00 4.72 -1.655E-02 -5.026E-02 4.668E 02 1.459E 02 -5.024E-01 -1. 945.8 1.0259 00 4.72 -1.655E-02 -5.317E-02 4.666E 02 1.449E 02 -5.024E-01 -1. 945.8 1.0259 00 4.73 -1.655E-02 -5.317E-02 4.666E 02 1.449E 02 -5.024E-01 -1. 945.8 1.0259 00 4.74 -1.655E-02 -5.317E-02 4.666E 02 1.449E 02 -5.024E-01 -1. 945.8 1.0259 00 4.77 -1.655E-02 -5.317E-02 4.666E 02 1.449E 02 -5.024E-01 -1. 945.8 1.0259 00 4.77 -1.655E-02 -5.317E-02 4.657E 02 1.444E 02 -5.024E-01 -1. 945.8 1.0259 00 4.77 -1.655E-02 -5.317E-02 4.657E 02 1.444E 02 -5.024E-01 -1. 945.8 1.0259 00 4.77 -1.645E-02 -5.317E-02 4.657E 02 1.444E 02 -5.014E-01 -1. 945.8 1.0126 00 4.77 -1.645E-02 -5.317E-02 1.444E 02 -5.014E-01 -1. 945.9 1.0118 00 4.77 -1.645E-02 -5.317E-02 4.657E 02 1.444E 02 -5.177E-01 -1. 945.0 1.0108 00 4.77 -1.645E-02 4.657E 02 1.444E 02 -5.177E-01 -1. 945.1 1.0108 00 4.77 -1.645E-02 4.656E 02 1.444E 02 -5.177E-01 -1. 945.1 1.0008 00 4.77 -1.645E-02 4.656E 02 1.444E 02 -5.177E-01 -1. 945.1 1.0008 00 4.77 -1.726E-02 4.556E 02 1.446E 02 -5.177E-01 -1. 945.2 1.0008 00 4.77 -1.726E-02 5.572E-02 4.556E 02 1.446E 02 -5.187E-01 -1. 945.1 1.0008 00 4.77 -1.73E-02 -5.456E 02 1.446E 02 -5.309E-01 -1. 945.2 1.0008 00 4.77 -1.656E-02 -5.456E 02 1.446E 02 -5.296E-01 -1. 945.8 1.0008 00 4.77 -1.656E-02 -5.456E 02 1.446E 02 -5.296E-01 -1. 945.9 1.0008 00 4.77 -1.656E-02 -5.456E 02 1.446E 02 -5.296E-01 -1. 945.9 1.0008 00 4.77 -1.656E-02 -5.456E 02 1.446E 02 -5.296E-01 -1. 945.9 1.0008 00 4.77 -1.656E-02 -5.456E 02 1.446E 02 -5.296E-01 -1. 945.9 1.0008 00 4.77 -1.656E-02 -5.456E 02 1.446E 02 -5.296E-01 -1. 945.9 1.0008 00 4.77 -1.656E-02 -5.456E 02 1.446E 02 -5.456E-01 -1. 945.9 1.0008 00 4.77 -1.656E-02 -5.456E 02 1.446E 02 -5.456E-01 -1. 945.9 1.0008 00 4.77 -1.656E-02 -5.456E 02 1.446E 02 -5.456E-01 -1. 945.9 1.0008 00 4.77 -1.656E-02 -5.456E 02 1.446E 02 -5.456E-01 -1.	27.500		345.6	4 4	22	-1.730E-02		4.612E 02	7	-5.274E-01	PZEE
0.0 345.7 1.027F 00 4.71 -1.722E-02 -5.026E-02 4.655E 02 1.449E 02 -5.448E-01 -1.027E 0.0 345.7 1.027E 00 4.71 -1.752E-02 -5.056E-02 4.665E 02 1.449E 02 -5.042E-01 -1.027E 0.0 345.8 1.027E 00 4.77 -1.652E-02 -5.056E-02 4.656E 02 1.449E 02 -5.042E-01 -1.027E 0.0 345.8 1.027E 00 4.77 -1.652E-02 -5.056E-02 4.656E 02 1.449E 02 -5.044E-01 -1.027E 00 00 -1.027E 00 00 -1.027E 00 00 00 00 00 00 00 <td>37.600</td> <td>0.0</td> <td>345.6</td> <td>36</td> <td></td> <td>-</td> <td>-4.908F-02</td> <td>4-64RE 02</td> <td>1.4356 02</td> <td>-5.2876-01</td> <td>1966</td>	37.600	0.0	345.6	36		-	-4.908F-02	4-64RE 02	1.4356 02	-5.2876-01	1966
0.0 345.7 1.029F 00 4.72 -1.655E-02 -5.066E-02 4.667F 02 1.449F 02 -5.044E-01 -1.655E-02 0.0 345.8 1.029F 00 4.77 -1.652E-02 -5.31F-02 4.667F 02 1.449F 02 -5.034E-01 -1.706E-02 0.0 345.8 1.027F 00 4.77 -1.706E-02 -4.657F 02 1.444E 02 -5.014E-01 -1.706E-01 0.0 345.8 1.027F 00 4.77 -1.645E-02 -5.11F-02 4.657F 02 1.444E 02 -5.014E-01 -1.706E-01 0.0 345.8 1.022F 00 4.77 -1.645E-02 -5.11F-02 4.647F 02 1.444E 02 -5.014E-01 -1.706E-01 0.0 345.7 1.019F 00 4.77 -1.649E-02 -5.11F-02 4.647F 02 -1.444E 02 -5.101E-01 -1.706E-01 -1.706E-01 -1.706E-02 -5.117E-02 4.621F 02 1.444E 02 -5.101E-01 -1.706E-02 -5.117E-02 -5.216E-02 -5.117E-01 -1.706E-02 -5.117E-02 -5.216E-02 -5.117E-02 -5.217E-02 <td>37.700</td> <td>0.0</td> <td>345.7</td> <td>32</td> <td>1.71</td> <td>-</td> <td>-5.026E-02</td> <td></td> <td></td> <td>-5.248E-01</td> <td>-1.532E 00</td>	37.700	0.0	345.7	32	1.71	-	-5.026E-02			-5.248E-01	-1.532E 00
0.0 345.8 1.029E 00 4.72 -1.667E-02 -5.317E-02 4.649E 02 1.449E 02 -5.034E-01 -1. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.	37.800	0.0	345.7	*	4.72	•	-5.066E-02		1.439€ 02	-5.044E-01	344E
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345.7 1.0036 00 4.72 -1.772E-02 4.556E 02 1.439E 02 -5.359E-01 -1. 0.0 345.7 1.0006 00 4.71 -1.743E-02 -5.456E 02 1.434E 02 -5.433E-01 -1. 0.0 345.8 9.990E-01 4.71 -1.675E-02 4.536E 02 1.437E 02 -5.313E-01 -1. 0.0 345.8 9.990E-01 4.71 -1.675E-02 4.536E 02 1.437E 02 -5.296E-01 -1. 0.0 345.8 9.996E-01 4.72 -1.687E-02 4.526E 02 1.437E 02 -5.296E-01 -1. 0.0 345.8 9.996E-01 4.74 -1.637E-02 4.536E 02 1.445E 02 -5.296E-01 -1. 0.0 345.8 1.001E 00 4.77 -1.651E-02 4.536E 02 1.445E 02 -5.037E-01 -1. 0.0 345.8 1.004E 00 4.77 -1.628E-02 4.539E 02 1.445E 02 -4.999E-01 -1. 0.0 345.8 1.004E 00 4.77 -1.628E-02 4.539E 02 1.445E 02 -5.037E-01 -1. 0.0 345.8 1.004E 00 4.77 -1.628E-02 4.539E 02 1.445E 02 -5.037E-01 -1. 0.0 345.8 1.006E 00 4.77 -1.628E-02 4.539E 02 1.445E 02 -5.003E-01 -1.	38.900	0.0	345.6	3	2:	:	-5.226E-02	4.565E J2	1.440E 02	-5.241E-01	593E
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0.0 345.8 1.005E 00 4.75 -1.622E-02 -4.784E-02 4.559E 02 1.447E 02 -4.944E-01 -1.	39.800	0.0	345.8	*	4:75	1.62	3886	4.553E UZ	1.445E 02	-4.963E-01	-1.338E 0
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	40.000	0.0	345.4	2	71. 7		- 6 0000	4 6 726 02			

EXPERIMENTAL DATA

CAPERINEMIAL DAIA

LENGTH VELUCITY
FT FT/SEC
4.74 -1.685E-0
4.74 -1.688E-02
4.73 -1.694E-02
4.73 -1.662E-02
4.73 -1.6736-02

EXPERIMENTAL DATA

FI FT/SEC FT/SEC/SEC FT/SEC/SEC/SEC/SEC/SEC/SEC/SEC/SEC/SEC/SEC			DIREC ACCELU VELUC DECELL RUN TI INIT TI	MATERIAL TIUN ERATION, F ITY, FPS . ERATION, F IME, SEC. AL LENGTH, F LENGTH, F	2 2 5	RUBBER 3.00 2.00 0.0 38.00 5.00 5.00	MODE AMPLITUDE, INCH	INCH SE	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	NAFC = 36 NCHN = 6000 NW = 5.48 KA = 2.29	96 38 6000 5.480E-01 2.295E 00
Second Color	ACOR.	2	080.	TENSION	LENGTH	ISH UNITS	ACCEL.	TENSION	LENGTH	-	ACCEL.
0.0 345.9 1.001E 00 6.64 -1.79E-02 -6.43EE-02 4.54E 02 2.020E 02 -5.42E-01 -2.031E 02 -5.42E-	SEC	SEC	DEG	1.85	=	FT/SEC	FT/SEC/SEC	GRAM	5	CN/SEC	CH/SEC/S
0.0 345.7 1,001E 00 6,644 -1,795E-02 6,644E-02 4,541E-02 2,020E 2,020E 2,020E 2,020E 2,020E 2,020E 2,020E 2,020E 2,020E 0.0 345.7 1,001E 00 643 -1,024E-02 6,641E-02 4,546E-02 2,020E 02 2,020E 02 5,93EE-01 -1,037E 0.0 345.2 9,97E-01 6,63 -1,796E-02 -6,491E-02 4,590E-02 2,010E 02 5,47EE-01 -1,77EE-01 0.0 345.1 9,980E-01 6,61 -1,796E-02 -6,299E-02 4,531E-02 2,010E-02 2,010E-02 <td>0.0</td> <td>0.0</td> <td>345.9</td> <td>1.001E 00</td> <td>6.63</td> <td>-1.7796-02</td> <td>-6.624E-02</td> <td>4.542E 02</td> <td>2.020E 02</td> <td>-5.422E-01</td> <td>3610</td>	0.0	0.0	345.9	1.001E 00	6.63	-1.7796-02	-6.624E-02	4.542E 02	2.020E 02	-5.422E-01	3610
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0.0 345.2 9.966E-01 6.63 -1.751E-02 -6.260E-02 4.521E 02 2.021E 02 -5.336E-01 -1. 0.0 345.0 9.978E-01 6.62 -1.679E-02 -6.336E-02 4.526 02 2.018E 02 -5.178E-01 -1. 0.0 345.1 9.976E-01 6.62 -1.677E-02 -6.420E-02 2.016E 02 2.014E 02 -5.439E-01 -1. 0.0 345.3 9.976E-01 6.61 -1.784E-02 4.521E 02 2.014E 02 2.5439E-01 -1. 0.0 345.3 9.976E-01 6.61 -1.699E-02 -6.462E-02 4.523E 02 2.016E 02 -5.418E-01 -1. 0.0 345.3 9.966E-01 6.63 -1.778E-02 -6.189E-02 2.021E 02 -5.078E-01 -1. 0.0 345.3 9.966E-01 6.65 -1.660E-02 -6.189E-02 2.026E 02 -5.059E-01 -1. 0.0 345.4 9.961E-01 6.65 -1.657E-02 -6.099E-02 4.518E 02 2.026E 02 -5.059E-01 -1. 0.0 345.2 9.968E-01 6.65 -1.657E-02 -5.929E-02 4.521E 02 2.026E 02 -4.959E-01 -1. 0.0 345.2 9.968E-01 6.65 -1.655E-02 -6.099E-02 4.521E 02 2.026E 02 -4.959E-01 -1. 0.0 345.2 9.968E-01 6.65 -1.597E-02 -5.929E-02 4.521E 02 2.025E 02 -4.959E-01 -1.	2.200	0.0	345.2	1	6.63	-1.686E-02	-6.197E-02	4.524E 02	2.020E 02	-5.138E-01	-1.889
0.0 345.2 9.976E-01 6.62 -1.677E-02 4.525E 02 2.017E 02 -5.177E-01 -1.000 345.1 9.976E-01 6.61 -1.784E-02 -6.335E-02 4.525E 02 2.017E 02 -5.177E-01 -1.000 345.1 9.9776E-01 6.61 -1.784E-02 -6.462E-02 4.523E 02 2.016E 02 -5.439E-01 -1.000 345.3 9.977E-01 6.62 -1.772E-02 -6.462E-02 4.523E 02 2.016E 02 -5.186E-01 -1.000 345.3 9.966E-01 6.63 -1.778E-02 -6.183E-02 4.520E 02 2.019E 02 -5.186E-01 -1.000 345.3 9.966E-01 6.65 -1.660E-02 -6.189E 02 2.026E 02 -5.059E-01 -1.000 345.4 9.961E-01 6.65 -1.657E-02 -6.099E-02 4.518E 02 2.026E 02 -5.059E-01 -1.000 345.2 9.968E-01 6.65 -1.625E-02 -6.099E-02 4.521E 02 2.026E 02 -4.969E-01 -1.000 345.2 9.968E-01 6.65 -1.625E-02 -5.929E-02 4.521E 02 2.025E 02 -4.969E-01 -1.000 345.2 9.968E-01 6.65 -1.597E-02 -5.929E-02 4.521E 02 2.025E 02 -4.969E-01 -1.000 345.2 9.968E-01 6.65 -1.597E-02 -5.929E-02 4.521E 02 2.025E 02 -4.969E-01 -1.000 345.2 9.968E-01 6.65 -1.597E-02 -5.929E-02 4.521E 02 2.025E 02 -4.969E-01 -1.000 345.2 9.968E-01 6.65 -1.597E-02 -5.929E-02 4.521E 02 2.025E 02 -4.969E-01 -1.000 345.2 9.968E-01 6.65 -1.597E-02 -5.929E-02 4.521E 02 2.025E 02 -4.969E-01 -1.000 345.2 9.968E-01 6.65 -1.597E-02 -5.929E-02 4.521E 02 2.025E 02 -4.969E-01 -1.000 345.2 9.968E-01 -1.000 345.2 9.968E-01 6.65 -1.597E-02 -5.929E-02 4.521E 02 2.025E 02 -4.969E-01 -1.000 345.2 9.968E-01 6.65 -1.597E-02 -5.929E-02 4.521E 02 2.025E 02 -4.969E-01 -1.000 345.2 9.968E-01 6.65 -1.597E-02 -5.929E-02 4.521E 02 2.025E 02 -4.969E-01 -1.000 345.2 9.908E-01 -1.000 345.2 9.000 345.2	2.300	•	345.2	1	6.63	-1.75LE-02	-6.260E-02	•	100	-5.336E-01	-1.908E
0.0 345.1 9.979E-01 6.61 -1.784E-02 4.525E 02 2.014E 02 -5.439E-01 -1.000 345.1 9.976E-01 6.61 -1.689E-02 -6.462E-02 4.523E 02 2.016E 02 -5.436E-01 -1.000 345.3 9.974E-01 6.62 -1.712E-02 -6.183E-02 4.524E 02 2.019E 02 -5.18E-01 -1.000 345.3 9.966E-01 6.63 -1.708E-02 -6.189E-02 4.520E 02 2.021E 02 -5.208E-01 -1.000 345.3 9.966E-01 6.65 -1.660E-02 -6.189E-02 4.518E 02 2.021E 02 -5.059E-01 -1.000 345.4 9.961E-01 6.65 -1.627E-02 -6.099E-02 4.518E 02 2.025E 02 -4.969E-01 -1.000 345.2 9.968E-01 6.65 -1.627E-02 -5.929E-02 4.521E 02 2.025E 02 -4.969E-01 -1.000 345.2 9.968E-01 6.65 -1.597E-02 -5.929E-02 4.521E 02 2.025E 02 -4.969E-01 -1.000 345.2 9.968E-01 6.65 -1.597E-02 -5.929E-02 4.521E 02 2.025E 02 -4.969E-01 -1.000 345.2 9.968E-01 6.65 -1.597E-02 -5.929E-02 4.521E 02 2.025E 02 -4.969E-01 -1.000 345.2 9.968E-01 6.65 -1.597E-02 -5.929E-02 4.521E 02 2.025E 02 -4.969E-01 -1.000 345.2 9.968E-01 6.65 -1.597E-02 -5.929E-02 4.521E 02 2.025E 02 -4.969E-01 -1.000 345.2 9.968E-01 6.65 -1.597E-02 -5.929E-02 4.521E 02 2.025E 02 -4.969E-01 -1.000 345.2 9.968E-01 6.65 -1.597E-02 -5.929E-02 4.521E 02 2.025E 02 -4.969E-01 -1.000 345.2 9.968E-01 6.65 -1.597E-02 -5.929E-02 4.521E 02 2.025E 02 -4.969E-01 -1.000 345.2 9.968E-01 6.65 -1.597E-02 -5.929E-02 4.521E 02 2.025E 02 -4.969E-01 -1.000 345.2 9.968E-01 6.65 -1.597E-02 -5.929E-02 4.521E 02 2.025E 02 -4.969E-01 -1.000 345.2 9.968E-01 6.65 -1.597E-02 -5.929E-02 4.521E 02 2.025E 02 -4.969E-01 -1.000 345.2 9.968E-02 -6.0000 345.2 9.968E-02 -6.0	2.500		345.2	9-976-01	33	-1.6795-02	-6-230E-02			10-3011-6-	-1.9016
0.0 345.1 9.970E-01 6.61 -1.689E-02 -6.462E-02 4.523E UZ 2.016E 02 -5.148E-01 -1.00.0 345.3 9.974E-01 6.62 -1.712E-02 -6.183E-02 4.524E 02 2.019E 02 -5.218E-01 -1.00.0 345.3 9.966E-01 6.63 -1.708E-02 -6.239E-02 4.520E UZ 2.021E 02 -5.207E-01 -1.00.0 345.3 9.960E-01 6.65 -1.660E-02 -6.189E-02 4.518E UZ 2.026E 02 -5.059E-01 -1.00.0 345.4 9.961E-01 6.65 -1.660E-02 -6.099E-02 4.518E UZ 2.026E 02 -4.960E-01 -1.00.0 345.2 9.968E-01 6.65 -1.627E-02 -5.929E-02 4.521E 02 2.025E 02 -4.969E-01 -1.00.0 345.2 9.968E-01 6.65 -1.597E-02 -5.929E-02 4.521E 02 2.025E 02 -4.868E-01 -1.00.0 345.2 9.968E-01 6.65 -1.597E-02 -5.929E-02 4.523E UZ 2.025E 02 -4.868E-01 -1.00.0 345.2 9.968E-01 6.65 -1.597E-02 -5.929E-02 4.523E UZ 2.025E 02 -4.868E-01 -1.00.0 345.2 9.968E-01 6.65 -1.597E-02 -5.929E-02 4.523E UZ 2.025E 02 -4.868E-01 -1.00.0 345.2 9.968E-01 6.65 -1.597E-02 -5.929E-02 4.523E UZ 2.025E 02 -4.868E-01 -1.00.0 345.2 9.00.0 345.0 9.00.0 345.0 9.00.0 345.0 9.00.0 9.00.0 345.0 9.00	2.600	0.0	345.1	9.9796-01	6.61	-1-784E-02	-6-420E-02	4.526E 02	2.0146 02	-5-439E-01	-1.957
0.0 345.3 9.974E-01 6.62 -1.712E-02 -6.183E-02 4.524E 02 2.019E 02 -5.218E-01 -1.00.0 345.3 9.966E-01 6.63 -1.708E-02 -6.239E-02 4.520E 02 2.021E 02 -5.207E-01 -1.00.0 345.3 9.966E-01 6.65 -1.660E-02 -6.189E-02 4.518E 02 2.026E 02 -5.056E-01 -1.00.0 345.4 9.961E-01 6.65 -1.660E-02 -6.189E-02 4.518E 02 2.026E 02 -5.059E-01 -1.00.0 345.2 9.968E-01 6.65 -1.627E-02 -6.099E-02 4.521E 02 2.025E 02 -4.953E-01 -1.00.0 345.2 9.972E-01 6.65 -1.597E-02 -5.929E-02 4.523E 02 2.025E 02 -4.868E-01 -1.00.0 345.2	2.700	0.0	345.1		19.9	-1.689E-02	-6.462E-02		2.016E 02	-5.1486-01	-1.970E
0.0 345.3 9.966E-01 6.63 -1.708E-02 -6.239E-02 4.520E U2 2.021E 02 -5.207E-01 -1.000 345.3 9.960E-01 6.65 -1.660E-02 -6.189E-02 4.518E U2 2.026E 02 -5.099E-01 -1.000 345.4 9.961E-01 6.65 -1.657E-02 -6.080E-02 4.518E U2 2.026E 02 -4.960E-01 -1.000 345.2 9.966E-01 6.65 -1.625E-02 -6.099E-02 4.521E U2 2.023E U2 -4.953E-01 -1.000 345.2 9.968E-01 6.65 -1.625E-02 -5.929E-02 4.521E U2 2.023E U2 -4.868E-01 -1.000 345.2 9.000 345.2	2.800	0.0	345.3	9.9746-01	6.62	-1.712E-02	-6.183E-02	4.524E 02	2.019E 02	-5.218E-01	-1.885E
000 0.0 345.3 9.960E-01 6.65 -1.660E-02 -6.189E-02 4.518E UZ 2.026E 02 -5.059E-01 -1.00 0.0 345.4 9.961E-01 6.65 -1.627E-02 -6.099E-02 4.518E UZ 2.026E 02 -4.960E-01 -1.00 0.0 345.2 9.968E-01 6.64 -1.625E-02 -6.099E-02 4.521E 02 2.023E 02 -4.953E-01 -1.00 0.0 345.2 9.972E-01 6.65 -1.597E-02 -5.929E-02 4.523E UZ 2.026E 02 -4.868E-01 -1.00 0.0 0.0 345.2	2.900	0.0	345.3	9.966E-01	6.63	-1-708E-02	-6.239E-02	4.520E 02	2.021E 02	-5.207E-01	-1.902t
200 0.0 345.2 9.948E-01 6.64 -1.625E-02 -6.099E-02 4.521E 02 2.023E 02 -4.953E-01 -1.030 0.0 345.2 9.972E-01 6.65 -1.597E-02 -5.929E-02 4.523E 02 2.026E 02 -4.868E-01 -1.030E-03 -1.030E 02 -6.868E-01 -1.030E-03 -1.030E 02 -0.030E 03 -1.030E 0	3.000	•	345.3	9.9605-01	6.00	-1.660E-02	-6-1895 -02	4.518E 02	2.026E 02	-5.0598-01	-1.886
300 0.0 345.2 9.972E-01 6.65 -1.597E-02 -5.929E-02 4.523E 32 2.026E 02 -4.868E-01 -1.	3.200		345.2	9.9686-01	6.64	-1.625E-02		4.521E 02	2.023E 02	-4-953E-01	
	3-300	0.0	345.2		6.65	-1.597E-02		4.523E 32	2.026E 02	-4-868E-01	-1.807E

EXPERIMENTAL DATA

RCOR TIME SEC	RUN	OSCL.	TENSION	LENG TH	GTH VELOCITY	ACCEL .	TENSION	LENGTH VELU	VELUCITY	ACCEL.
SEC	TIME									
SEC		ANGLE								
	SEC	990	1.85 a		FT/SEC	FT/SEC/SEC	GRAM	5	CN/SEC	CM/SEC/SEC
3.400		345.2	9.967E-01	9.0	-1.623E-02	-6.054E-02	4.521E 02	2.023E 02	-4.947E-01	-1.845E 00
3.500		345.2		6.64	-1.677E-02	-5.966E-02	4.523£ 02	2.023£ 02	-5.112E-01	-1.818E 00
3.600		345.3		99.9	-1-615E-02	-5.876E-02	4.518E 02	2.029E 02	-4.922E-01	3161
3.700		345.2	9.967E-01	9.9	-1.659E-02	-5.969E-02	4.521E 04	2.025E 02	-5.058E-01	-1.819E 00
3.800		345.2	9.982E-01	. 6.65	-1.716E-02	-6.296E-02	4.528E JZ	2.026E 02	-5.231E-01	-1.919E 00
3.900		345.2	2	6.64	-1.700E-02	-6.224E-02	4.522E 02		-5.183E-01	-1.897E 00
4.000		345.2	9.980E-01	6.63	-1-692E-02	-6.246F-02	4.527E 02		-5-159F-01	
4-100		345.2	073	6.62	-1.735F-02	-6.2016-02	4. 424E .12		-4. 288F -0	
200		346.1		64.4	-1.496.E-02	-4 364E-03	4 K 20E A		3-3471 9-	
200	•	245	9	3:	20-36-01	-8-3345-02	20 3636.		-3.101.C-	33.15
. 300		345.2	8	0.03	-1.651E-02	-6.260E-02	4.528E JZ	BU	-5.032E-01	
4.400		345.4	9.969E-01	6.63	-1.606E-02	-6.005E-02	4.522E 02		-4.896E-01	-1.830E 00
4.500		345.3	9.966E-01	6.65	-1.535E-02	-6.131E-02	4.521E 02	2.025E 02	-4.679E-01	-1.869E 00
009-		345.3	9.970E-01	0.04	-1.508E-02	-6.020E-02	4.523E 02	2-025E 02	-4.596E-01	-1.835E 90
. 700		345.3	9.964E-01	6.65	-1.503E-02	-6-064E-02	4.520E J2		-4.582E-01	-1.848E 00
008-		345.3	9.968E-01	99.9	-1.598E-02	-5.922E-02	4.522E U2		-4.870E-01	
006-		345.2	972	6.65	-1-653E-02	-5.929E-02	4.523E J2		-5.037E-01	807F
2.000		345.3	9-961E-01	99-9	-1-541E-02	-5.845E-02	4.518E 02		-4-698E-01	
2,100		345.4	696	6.65	-1.707E-02	-6.026F-02	4.519F 02		-5.203F-01	-1.837F 00
2.200		345.3	970E	99-9	-1-619E-02	-6.029F-02	4.527E 02		-4.933F-01	-1-838F 00
300		345.2	OAAF	4.6	-1.579F-02	-5.407E-02	4.521F 42		-4. RI 45-01	
400		345.2		99.9	-1.577F-02	-5.9436-02	4.522F 02		-4-806F-01	-1-A12E 00
5.500		345.1	9.967E-01	6.65	-1.633E-02	-6.088E-02	4.521E 02	A. Ta	-4-976E-01	-1.856F 00
2.600		345.2	9.977E-01	6.64	-1-659E-02	-6.173F-02	4.526E 02	2.023E 02	-5.057E-01	-1.RR2F 00
9.700	0.0	345.2	9-979E-01	6.63	-1.681E-02	-6.435E-02	4.526E UZ	1	-5.124E-01	-1.961E 00
. 800		345.2	9.9736-01	6.62	-1.696E-02	-6.474E-02	4.524E 02	2.017E 02	-5.1696-01	-1.973E 00
006-		345.2		6.63	-1.702E-02	-6.331E-02	4.522E UZ	2.022E 02	-5.187E-01	-1.930E 00
000		345.3	9.966E-01	6.64	-1.667E-02	-6.368E-02	4.520E JZ	2.024E 02	-5.082E-01	-1.941E 00
9.100		345.4	9.957E-01	6.64	-1.566E-02	-6.103E-02	4.517E 02	2.025E 02	-4.774E-01	-1.860E 00
9.200		345.3	9.967E-01	6.65	-1.553E-02	-5.913E-02	4.521E 02	Own.	-4.7336-01	-1.802E 00
6.300		345.4	9.966E-01	6.65	-1.523E-02	-5.859E-02	4.521E 02		-4.641E-01	-1.786E 00
2.400		345.3	9.956E-01	6.65	-1.534E-02	-5.950E-02	4.516E 02		-4.675E-01	-1.814E 00
6.500		345.3	950	99-9	-1.621E-02	-5.997E-02	4-513E 02		-4.940E-01	-1-828E 00
009		345.4	9-955E-01	6.65	-1-609E-02	-6.032E-02	4.516E 02		-4-905E-01	338E
6-700		345.3	986	6.65	-1.597F-02	-6-027F-02	4.516F 07		-6.868F-01	-1.837F 00
008-9		345.3	950	6.67	-1.6436-02	-5.9116-02	4.5176 02	2.0326 02	-5.00RE-01	-1.802F 00
006-9		345.4	9516-	99-9	-1.593F-02	-6.0336-02	4.514F 02		-4.857E-01	
000		345.3	,	6.45	-1.581E-02	-6.050E-02			-4. 818E-01	-1-8446 00
001		246.3	9.9616-01	27.4	-1 5875-02	S OGER-03			- A B 3 B E - O	1 837E 00
200	•				20 20 20 20 20 20 20 20 20 20 20 20 20 2	70 3566 03			-4 711E-01	200
200	•	346 2			4335-02	20-3611-0-			10 3770	3300
2000	•				-1.022E-02	-0-20E-07	4.519E 02		10-3446-4-	-1.905
000				0.00	-1-03/E-05	-0-299E-02	4.565E 02	70 770.7	10-3886	-1.920E 00
1.500			. 976	6.63	-1.578E-02	-6.083E-02	4.526E 02	2-020E 02	-4.811E-01	-1.854E 00
7.600			6	***	-1.558E-02	-6.287E-02	4.522E 04	2.023E 02	-4.748E-01	-1.916E 00
7.700			96	6.65	-1.485E-02	-6-117E-02	4.518E J2	2.027E 02	-4.526E-01	-1.864E 00
7.800		345.3	-970e-	99.9	-1.498E-02	-5.934E-02	4.522E 02	2.030E 02	-4.566E-01	-1.809E 00
006-			9.9486-01	99-9	-1-529F-02	-K 620C-02	4 KISE	2 0300 0		

EXPERIMENTAL DATA

RCDR	RUN	OSCL.	TENSION	LENGTH	VEL OCITY	ACCEL.	ENSION	LENGTH	VELUCITY	ACCEL.
SEC	SFC	DEG	1.85	1	FT/SEC	FT/SEC/SEC	GKAM	5	CM/SEC	CM/SEC/SEC
8.000	0.0	345.4	10	99.9	-1.532E-02	-5.927E-02	4.515E J2	2.030E 02	10-3019-4-	-1.806E 00
8.100	0.0	345.3	9.954E-01	99.9	-1.601E-02	-5.698E-02	4.515E 02	.031E	-4.881E-01	
8.200	0.0	345.4	476-	6.65	-1.528E-02	-5.927E-02	4.512E J2	2.028E 02	-4.657E-01	
8.300	0.0	345.3	-	99.9	-1.487E-02	-5.852E-02	4.515E U2	.029€	-4.532E-01	-1.784E 00
8.400	0.0	345.4	-	99.9	-1.459E-02	-5.676E-02	4.515E 02	.030E	-4.446E-01	-1.730E 00
8.500	0.0	345.4	9.954E-01	99.9	-1.449E-02	-6.071E-02	4.515E UZ	.030E	-4.416E-01	-1.850E 00
8.600	0.0	345.3	-	99.9	-1.484E-02	-5.939E-02	4.515E 02		-4. 522E-01	-1.810E 00
8.700	0.0	345.2	9.953E-01	6.65	-1.540E-02	-5.868E-02	4.514E 02		-4-695E-01	788E
8.800	0.0	345.3	65E -	6.65	-1.572E-02	-6-127E-02	4.520E UZ	2.028E 02	-4. 793E-01	86 7E
8.900	0.0	345.2	9.966E-01	6.65	-1.595E-02	-6.180E-02	4.521E 02			884E
9.000	0.0	345.2		6.64	-1.563E-02	-6.221E-02	4.519E UL	2.023£ 02	-4.763E-01	396E
9.100	0.0	345.3	-	9.9	-1.556E-02	-6.166E-02	4.5166 02	.023E		879E
9.200	0.0	345.4	9.951E-01	9.04	-1.478E-02	-6.012E-02	4.514E 02			832E
9.300	0.0	345.4	9.955E-01	99.9	-1.478E-02	-5.973E-02	4.515E uz	.030E	-4.506E-01	-1.821E 00
9.400	0.0	345.4	9.940E-01	8.0	-1.520E-02	-5.899E-02	4.509E UZ		-4.632E-01	-1.798E 00
9.500	0.0	345.5	-	19.9	-1.411E-02	-5.871E-02	4.507E 02	.034E	-4.301E-01	789E
9.600	0.0	345.4	-	19.9	-1.5346-02	-5.920E-02	4.514E 02		-4.675E-01	-1.804E 00
9.700	0.0	345.3	•	6.67	-1.470E-02	-5.700E-02	4.513E u2	.033€	-4.480E-01	
9.800	0.0	345.4		8:0	-1.470E-02	-5.719E-02	4.511E u2		-4.482E-01	
9. 900	0.0	345.4	9.940E-01	3:0	-1.518E-02	-5.686E-02	4.509E 02	2.030E 02	-4.626E-01	
000	0.0	345.4	•		-1-480E-02	-5.609E-02	4.511E 02		-4.511E-01	710E
10-100	0.0	345.4	52E			-5.771E-02	m.	70	-4.382E-01	759E
0.200	0.0	345.4		9.0	-1.524E-02	-5.845E-02			-4.644E-01	-1.78ZE 00
300	0.0	349.3		29.9	-1.452E-02	-5.892E-02			-4.427E-01	796E
004-0		345.3	9.960E-01	8:			4.518E 02		-4-518E-01	3116
0000		347.3		0.03	-1-484E-02	-2-348E-02	4.522E UZ		-4-354E-01	-1.8136 00
200		345.3	9.400E-01		-1.3505-02	-6.079E-02	4.520E 02	2.025E 02		-1.653E 00
		346		***	1 6116-02		70 2017 7	0	10-3606.4-	32.00
000	000	346.4	4		-1.4086-02	-5.9746-02	4.5156 47	2.0275 02	10 3036-01	1216
000	0-0	345.5	7.	29.9	-1-448F-02		4.518F 02			-1-837F 00
100	0.0	345.4		99-9			4.518F U2	9316		7416
11.200	0.0	345.4	9.953E-01	6.67	-1.454E-02	-5.826E-02	4.515E UZ	2.034E 02	-4.432E-01	776E
11.300	0.0	345.3		6.67	-1.418E-02	-5.684E-02	4.517E 02		-4.322E-01	-1.733E 00
11.400	0.0	345.4	•	19.9	-1.414E-02	-5.854E-02	4.518E 02		-4.309E-01	784E
11.500	0.0	345.3	•	19.9	-1.411E-02	-5.746E-02	4.521E 02		-4.30ke-01	-
11.600	0.0	345.4	-	99.9	-1.369E-02	-5.649E-02	4.516E U2		-4.172E-01	
11.700	0.0	345.4	9.949E-01	6.67	-1.451E-02	-5.735E-02	4.513E UZ	2.034E 02	-4.421E-01	-
1.800	0.0	345.4	9.953E-01	89.9	-1.424E-02	-5.827E-02	4.515E u2		-4.3396-01	176E
11.900	0.0	345.4	=	6.67	-1.423E-02	-5.728E-02	4.523E 02		-4.336E-01	746E
2.000	0.0	345.3	206	6.65	-1.495E-02	-6.034E -6.2	4.518E UL		-4.556E-01	839E
5-100	0.0	345.3	•	6.65	-1.522E-02	-5.994E02	4.521E J2		-4.638E-01	-1.827E 00
12.200	0.0	345.3	.963E	6.65	-1.482E-02	-6.076E-02	19E	E.	-4.516E-01	852E
5.300	0.0	345.3	9.965E-01	6.65	-1.424E-02	-6.060E-02	4.520E 02	.028E	-4.341E-01	-1.847E 00
5.400	0.0	345.4	- 39g	19.9	-1.432E-02	-6.048E-02	4.516E U2	2.032E 02	-4-364F-01	-1.8446 00

EXPERIMENTAL DATA

DR	RUN	OSCL.	TENSTON	LENGTH	VEL OCITY	ACCEL.	TENSION	LENGTH	VELOCITY	ACCEL.
TIME	TIME	ANGLE	38.	:	723723			12.22	7.000	Canter Canter
ב	SEC	nec	ŝ	-	FIVE	FI/SEL/SEC	GRAM	5	CHISEC	CHISELISE
009	0.0	345.5	9.940E-01	89.9	-1.384E-02	-5.984E-02	4.509E 02		-4.219E-01	
100	0.0	345.4	9.953E-01	6.68	-1.390E-02	-5.841E-02	515E		-4.237E-01	-1.780E 00
800	0.0	345.4	9.946E-01	99.9	-1.395E-02	-5.711E-02	4.511E J2	2.036E 02	-4.253E-01	
	0.0	345.3	952	6.67	-1.358E-02	-5.796E-02	4.514E 02		-4-140E-01	-1.767E 00
000	0.0	345.5	9.951E-01	6.68	-1.393E-02	-5.667E-02	4.514E 02		-4.245E-01	-1.727E 00
100	0.0	345.5	9.948E-01	99.9	-1.417E-02	-5.723E-02	4.512E JZ		-4.320E-01	-1.745E 00
200	0.0	345.4	9.948E-01	69.9	-1.401E-02	-5.544E-02			-4.270E-01	3069
	0.0	345.5	W	6.68	-1.397E-02	-5.674E-02			-4.257E-01	730E
	0-0	345.4		19-9	-1-406E-02	-5.787E-02			-4-287F-01	764F
	0.0	345.3	9.950E-01	6.67	-1.418E-02		81		-4.323E-01	756E
	0.0	345.3	4	6.67	-1.430E-02	-5.955E-02			-4.358E-01	
	0.0	345.3	9.971E-01	99-9	-1.435E-02	-5.861E-02			-4.373E-01	786E
	0.0	345.3	*	6.65	-1-480E-02	-6.089E-02			-4-511E-01	-1-856E 00
	0.0	345.4	*	99-9	-1.423E-02	-6.054E-02			-4-336E-01	25.53
000-41	0.0	345.4	9.958E-01	99.9	-1.397E-02	-5.830E-02			-4.258E-01	
	0.0	345.4	-36	6.68	-1.349E-02	-5.796E-02	a.S		-4-111E-01	
	0.0	345.5	9.940E-01	6.67	-1.368E-02	-5.639E-02			-4.169E-01	3612
4.300	0.0	345.5		6.68	-1.388E-02	-5.649E-02	4.510E 02		-4.232E-01	. 722E
	0.0	345.4	-36	99.9	-1.382E-02	-5.695E-02	4.508E 02		-4.213E-01	736E
	0.0	345.5	9.945E-01	99.9	-1-395E-02	-5.712E-02	511E		-4.253E-01	
	0.0	345.4	- 3Z	69.9	-1.377E-02	-5.616E-02		2.038E 02	-4.198E-01	
	0.0	345.5	9.941E-01	6.68	-1.380E-02	-5.812E-02	4.509E 02		-4.206E-01	3
008-+1	0.0	345.4	- 3	69.9	-1.347E-02	-5.373E-02		2.038E 02	-4-105E-01	-1.638E 00
	0.0	345.6		6.68	-1.338E-02	-5.624E-02			-4.079E-01	33:
000	0.0	345.4	9.954E-01	9.68	-1.439E-02	-5.693E-02			-4.386E-01	170
	0.0	345.4	4	6.67	-1.400E-02	-5.843E-02			-4.2666-01	70
200	0.0	345.3	W.	6.67	-1.381E-02	-5.864E-02	4.516E 02		-4.209E-01	-1.787E 00
300	0.0	345.3	2	6.65	-1.494E-02	-6.013E-02	4.513E 02		-4.553E-01	1970
004	0.0	345.3	36-	6.65	-1.388E-02	-5.752E-02			-4.231E-01	
200	0.0	345.4	951E	99.9	-1.436E-02	-5.892E-02			-4.376E-01	7
009	0.0	345.4	352E	3.0	-1.380E-02	-5.864E-02		T.	-4.206E-01	-1.787E 00
200	0.0	345.5	1	6.67	-1.311E-02	-5.653E-02		2.034E 02	-3.996E-01	100
800	0.0	345.5	938E	69.9	-1.370E-02	-5.680E-02		300	-4.176E-01	100
006	0.0	345.5	930	99.9	-1.328E-02	-5.551E-02	4.504E 02	2.035E 02	10-3940·4-	
000	0.0	345.5		99.9	-1.380E-02	-5.392E-02			-4.207E-01	
	0.0	345.5	*	99.9	-1.368E-02	-5.572E-02	4.513E uz	2.036E 02	-4.169E-01	-1.698E 00
16.200	0.0	345.4	9.9436-01	6.68	-1.373E-02	-5.532E-02	4.5 10E 32		-4.186E-01	100
	0.0	345.4	3	6.68	-1.403E-02	-5.553E-02	4.513E 02		-4.277E-01	-1.692E 00
	0.0	345.5	.932E	02.9	-1.328E-02	-5.471E-02	4.505E 02	2.041E 02	-4.046E-01	-1.668E 00
200	0.0	345.6	6	6.70	-1.301E-02	-5.646E-02	4.507E U2		-3.967E-01	-1.721E 0
009	0.0	345.4	9.946E-01	69.9	-1.397E-02	-5.764E-02	4.511t 02		-4.258E-01	-1.757E 0
002	0.0	345.3	9.949E-01	69.9	-1.356E-02	-5.677E-02	4.513E 02		-4.133E-01	-1.730E 0
900	0.0	345.4		6.67	-1.454E-02	-5.732E-02		2.034E 02	-4.433E-01	-1.747E 0
006	0.0	345.3	.95	99-9	-1.428E-02	-5.893E-02	4.516E JZ	- 72	-4.351E-01	-1.796E 0
17.000	0.0	345.3	-3956	99.9	-1.400E-02	774E	4.516E 02		-4.269E-01	-1.760E 0
00			1							

EXPERIMENTAL DATA

KCJR TIME	RUN	OSCL.	TENSION	LENGTH	VEL OCITY	ACCEL.	TENSION	LENGTH	VELOCITY	ACCEL.
SEC	SEC	066	168	FT	FT/SEC	FT/SEC/SEC	GRAM	5	CN/SEC	CM/SEC/SEC
17.200	0.0	345.5		19.9	-1.384E-02	-5.943E-02	4.512E 02		-4.219E-01	-1.812E 00
17.300	0.0	345.5		6.68	-1.367E-02	-5.555E-02		2.036E 02	-4.167E-01	.693E
17.400	0.0	345.5		69.9	-1.2885-02	-5.697E-02	4.510E 02	2.039E 02	-3.926E-01	-1.736£ 00
17.500	0.0	345.6	156-	69.9	-1.377E-02	-5.681E-02	(3)	131	-4.198E-01	
17.600	0.0	345.5	-36	69.9	-1.325E-02	-5.6396-02			-4.038E-01	-1.719E 00
17.700	0.0	345.4	•	69.9	-1.386E-02	-5.757E-02	4.511E 32		-4.225E-01	-1.755E OC
17.800	0.0	345.5	\$	69.9	-1.329E-02	-5.530E-02		2.038E 02	-4.049E-01	-1.686F OC
17.900	0.0	345.4	•	6.68	-1.290E-02	-5.674E-02	4.513E 02		-3.932E-01	-1.730€ 00
18-000	0.0	345.5	43E	69.9	-1.425E-02	-5.431E-02	4.510E UZ		-4.343E-01	-1.655E O
18.100	0.0	345.5		89.9	-1-291E-02	-5.509E-02	4.511E 02		-3.936E-01	-1.679E OK
18.200	0.0	345.4	9.954E-01	69.9	-1.360E-02	-5.565E-02	4.515E 02	Jan .	-4.144E-01	-1.696E O
18-300	0.0	345.4	m	6.68	-1.389E-02	-5.725E-02	4.514E JZ		-4.235E-01	-1.745E OC
18-400	0.100	345.3	.,	69.9	3.068E-02	721E	4.505E UZ		9.3536-01	5.244E 0
18.500	0.200	344.9		69.9	3.9376-01	4.693E 00	4.408E 02	ME.	1.200E 01	1-430E 0
18-600	0.300	344.8	9.477E-01	6.15	7.441E-01		4.299E 02			1.008E 0
18.700	00.400	344.8	•	6.84	1.027E 00		4.159E JZ		90	9.322E 0
18-800	0.500	344.8	•	96.9	1.309E 00	3.091E 00	4.030E JZ	-		9.420E 0
18-900	009-0	344.5	3	7.10	1.582E 00	-086E	3.893E 02	2.164€ 02		9.406E 0
19.000	0.100	344.3	8.333E-01	7.26		2.965E 00	3.780E 02	-	5.670E 01	9.037E 0
19.100	0.800	344.3		7:4		9.370E-01	3.723£ 02	-	6.250E 01	2.856E 0
19.200	0.900	344.3		7.62	-	-1-1646-01	3.690E 02		6.296E 01	-3. SATE 0
19.300	1.000	344.2	8-156E-01	2:2	2.060E 00	-7.638E-02	3.700E 02		6.280E 01	-2.328E 0
19.400	1.100	344.1	8-183E-01	7.96	2.060E 00	-2.034E-02	3.712E 02	2.426E 02	6.280E 01	-6.199E-0
19.500	1.200	344.1		9.14		-6.210E-02	3.749E 32		100	-1.893E OC
19.400	1.300	344.2	•	8.33		-4.882E-02	3.785E 02	_	700	-1.488E O
19- 700	1.400	344.3	9	8.50	190	-3.225E-02	3.838E 02	750		-9.828E-0
19.800	1.500	344.3			2.060E 00	-5.840E-02	3.898E U2	2.644E 02		-1.780E 0
006-61	1.600	344.2	8- 701E-01	8.82	100	-3.271E-02	3.947E 02	-		-9.969E-01
20-020	1.700	344.2	8	20-6	061E	-5.963E-02	3.995E UZ	Tiv.	6.282E 01	
.001-07	200	344-1				-5.037E-02	No.			
20.200	2000	340.1	8-94 IE-01	16.50	2.061E 00	-4-548E-02	4.056E UZ	2.855E 02	6.281E 01	-1.386E 0
000000	2000	244.2				20-20-0-	4.095E 02			-1.409
000	20107	2000		2	3100	-3-012E-02	70 3771.	-2.7	H	10-36116-
2000	2000	2		40.00	00 37900	20-3780-0-	4-135E UZ	30146 02	120	-1.654
2000	2.300	244.4	4	20.01	3100	-2.4/1E-02	4.113E UZ			-1.007
20.00	200	2000	10-36C-01	10.20		-3.4986-02	4-200E 02	177	33	-1.066E 0
00000	2000	7			110/	-0-090E-02	4. £23E 02		71	2.039E
000	200.7	7	7.354E-01		20000	-20-20E-02	4.243E UZ			-8. / /8E-01
000.17	2000	1		100	3707	-20-20126-02	אינטינב חל	3407	10 3007°0	-1.590E U
21-100	2.800	344.5		10.91	1100		4.250E 02	34.ZE	6.281E 01	-1.449E 0
207-17	2000	344.3	9. 36ZE-01	***		-3.894E-02	4.247E 02	200	700	-1.187E 0
21.300	3.000	344.3		11.31		-6. 703E-02	4-2536 04		6.281E 01	-2.043E 0
21.400	3.100	344.1		11.48	700	-3.866E-02	4.274E 02			-1.178E 0
21.500	3.200	344.2	9.4296-01	11.65	2.061E 00		4.277E 02	3.552E 02	6.280E 01	-1.731E 0
21.600	3.300	344.1		11.62	2.059E 00	-4.778E-02	4.271E 02	3.601E 02	6.277E 01	-1.456E 0
-						1				

EXPERIMENTAL DATA

					VEI OCTEV	ACCEL	Tene . Or	TENETE.	VEI OF I TV	ACCEL
RCOR TIME	N S	OSCL.	TENSION	LENGIN	11100111	ALLEL.	5100	LEMOIN		
SEC	SEC	DEG	1.85	E	FT/SEC	FT/SEC/SEC	GRAN	5	CN/SEC	CM/SEC/SEC
1.800	3.500	344.1	9.342E-01	12.17	2.059E 00	-6.396E-02	4.237£ 02	3.709E 02	6.276E 01	
11.900	3.600	344.0	5E-	12.34	2.059E 00	-4-265E-02	4.207E 02	3.761E 02	6.277E 01	-1.300E 00
12.000	3.700	344.1	×	12.51	2.060E 00	-5-141E-02	4.202E 02	3.814€ 02	6.279E 01	-1.567E 00
12.100	3.800	344.2	9.281E-01	12.71	2.060E 00	-4.607E-02	4.210E 02	3.873£ 02	6.279E 01	-1.404E 00
12.200	3.900	344.3	9.251E-01	12.90	2.061E 00	-3.278E-02	4-196E 02	3.932E 02	6.283E 01	-9.991E-01
15.300	4.000	344.3	9.261E-01	13.08	2.061E 00	-6.512E-02	4.201E 02	3.987E 02	6.281E 01	-1.985E 00
12.400	4.100	344.3	9.257E-01	-13.26	2.061E 00	-4.410E-02	4-199E UZ	4.042E 02	6.281E 01	-1.344E 00
12.500	4.200	344.3	-39	13.44	2.060E 00	-5.701E-02		4.097E 02	6.279E 01	-1.738E 00
2-600	4.300	344.2	-30	13.61	2.060E 00	-5.103E-02	4.223E 02	4.149E 02	6.278E 01	-1.555E 00
2.700	4.400	344.1	-	13.79	2.060E 00	-2.579E-02	4.212E 02	4.202E 02	6.280E 01	-7.860E-01
2.800	4.500	344.2	9	13.98	2.060E 00	-6.483E-02	4.209E 02	4.260E 02	6-280E 01	-1.976E 00
2.900	4.600	344.2	*	14.16	2.060E 00			4.315E 02	6.278E 01	-1.018E 00
3-000	4.700	344.2		14.33	2.060E 00	-5.544E-02		4.368E 02	6.2796 01	-1-690E 00
3.100	4.800	344.2	1	14. 51	2.059F 00	-5.247E-02		4.422F 02	6.275F 01	-1.599E 00
3.200	006-4	344.0	96-	14.67	2.060F 00	-2.9776-02		4.471E 02	6.279E 01	-9.073E-01
3.300	2.000	344-0	9-142E-01	14.83	2.060E 00	-5.687E-02		4.519F 02	6.278E 01	-1.733E 00
3.400	5.100	344.1	9-1496-01	14.99	2.060E 00	-4.382E-02	4-150E 02	4.568E 02	6.279E 01	-1.336E 00
3.500	5.200	344-1	9-188E-01	115.17	9090	-6.771E-02	3.57	4-624E 02	6.279E 01	-2.064F 00
3.600	5.300	344.2	9-1796-01	15.36	2.059E 00	-5.434E-02		4.682E 02	6.277E 01	-1.656E 00
13.700	2.400	344.2	9. 190E-01	15.94	2.060E 00	-3.860E-02	4.169E 02	4.737E 02	6-280E 01	185
23.800	2.500	344.3	9.207E-01	15.70	2.060E 00	-5.953E-02	4.176E 02	4.78TE 02	6.278E 01	-1.815E 00
3.900	2.600	344.2	9.210E-01	15.89	2.060E 00	-3.858E-02	-	4.845E 02	6.278E 01	
4.000	2.700	344.2	9-1936-01	16.06	2.061E 00	-4.949E-02		4.896E 02	6.281E 01	
64-100	2.800	344.2	9.165E-01	16.23	2.059E 00	-5.481E-02	4.157E 02	4.947E 02	6.277E 01	-1.671E 00
4.200	2.900	344.2	9.189E-01	16.41	2.060E 00	-3.862E-02	4.168E 02	5.003E 02	6.278E 01	
4-300	9.000	344.2	9.184E-01	16.97	2.059E 00	-5.058E-02	_	5.052E 02	6.277E 01	9
64.400	6.100	344.2	9.183E-01	16.75	2.060E 00	-4.022E-02		5.10%E 02	6.279E 01	-1.226E 00
4.500	002-7	344.1	- 39	16.92	2.061E 00	-4.868E-02	4-176E 02	5.157E 02	6.281E 01	-1.484E 00
009 -+ 2	6.300	344.1	- 39	17.10	2.060E 00	-5.309E-02	270	5.212E 02	6.280E 01	
001-+	004-9	344.1	9.212E-01	17.26	2.060E 00	-4.031E-02		5.262E 02	6-279€ 01	
4.800	6.500	344.0	1	17.4		-6.833E-02		5.315E 02	6.275E 01	-2.083E 00
006-4	009-9	344.0	7	2.2	_	-3.269E-02		5.362E 02	6.274E 01	-9.965E-01
22.000	6.700	344.1	*	11.11	2.059E 00	-5.272E-02		5.415E 02	6.276E OL	30 TE
25.100	008-9	344.1	- 39	17.94	2.059E 00	-5.281E-02		5.468E 02	6.275E 01	-1.610E 00
5.200	9.900	344.2	-30	18.13	2.059E 00	-4.341E-02	4.178E u2	5.526E 02	6.277E 01	-1.323E 00
2.300	7.000	344.2	4	18.31	2.059E 00	-6.156E-02	200	5.582E 02	6.277E 01	
25.400	1.100	344.3	9.21%-01	18.30	2.059E 00	-4-150E-02	97.	5.638E 02	6.276E 01	-1.265E 00
5.500	7.200	344.2	*	18.66	2.060E 00	-4.548E-02	30	5.688E 02	6.278E 01	953
25.600	7.300	344.2	¥	18.83	2.060E 00	-4.708E-02		5.741E 02	6.278E 01	435E
5. 700	1.400	344.1	- 39	19.03	2.060E 00	-3.606E-02		5.799E 02	6.278E 01	3660
2.800	7.500	344.2	7	19.20	2.060E 00	-5.582E-02	4.145E 02	5.853E 02	6.277E 01	-1.701E 00
15.900	7.600	344.1	-36	19.38	2.059E 00		4.159E uz	5.906E 02	6.277E 01	-1.495E 00
000-92	7.700	344.2	9.175E-01	19.56	2.060E 00	-4.904E-02	4.162E 02	5.962E 02	6.277E 01	-1.495E 00
001-92	7.800	344.2	9.214E-01	19.72	2.059E 00	-5.117E-02	4.179€ 02	6.009E 02	6.276E 01	-1.560E 00
26.200	1.900	344.1	9.212E-01	19.88	2.059E 00	-4.232E-02	4.1796 42	6.061E 02	6.277E 01	-1.290E 00
200				-						

EXPERIMENTAL DATA

THE TIME THE TIME SEC. SEC. SEC. SEC. SEC. SEC. SEC. SEC	DSCL. ANGLE	TENSION	LENGTH	VEL OCITY	ACCEL.	TENSICA	LENGTH	VELOCITY	ACCEL.
EC SEC SEC SEC SEC SEC SEC SEC SEC SEC S									
\$500 8.100 \$500 8.200 \$600 8.200 \$600 8.200 \$600 8.500 \$600 8.700 \$600 8	DEG	1.85	Ħ	FT/SEC	FT/SEC/SEC	GRAM	25	CM/SEC	CM/SEC/SEC
500 8.200 600 8.300 800 8.400 800 8.400 800 8.400 800 8.400 800 8.400 800 8.400 800 8.400 800 8.400 800 10.400 800 10.400 800 11.300 800 11.300 800 11.300 800 11.300 800 11.300	344.0	9.219E-01	20.23	2.058E 00	-5.074E-02	4.182E JZ	6.167E 02	6-274E 01	
8.400 8.400 8.600 8.600 8.700 8.	344.0	9.229E-01	20.40	2.058E 00	-5.680E-02	4.186E JZ	6.219E 02	6.273E 01	-1.731E 00
8.400 8.400 8.500 8.700 8.	344.0	9.24TE-01	20.57	2.058E 00	-5.121E-02	4.194E UZ		6.272E 01	3195
800 800 800 800 800 800 900 900	344.0	9.228E-01	20.73		-3.690E-02	4.186E J2			
9900 8 600 9000 8 700 200 8 900 500 9 100 500 9 100 500 9 100 900 10 100 900 11 100	344.1	9.220E-01	20.93		-5.282E-02	4.182E 02			-1.610E 00
8.700 1000 8.700 1000 8.700 1000 9.7	344.1	9.167E-01	21.11		-5.0196-02	4.158E J2		6-277E 01	
200 8.800 200 8.900 400 9.100 500 9.200 500 9.200 600 9.200 900 9.600 900 9.600 900 10.200 900 10.200 900 10.200 900 10.200 900 11.300 900 11.300 900 11.300 900 11.300 900 11.300 900 11.300 900 11.300	344.2	9.150E-01	21.30		-5.726E-02	4.151£ u2		6.276E 01	-1.745E 00
200 8 900 310 9 900 500 9 200 500 9 200 600 9 200 600 9 200 600 9 200 600 9 200 600 9 200 600 10 100 600 11 200 600 11 200	344.1	9.154E-01	21.48		-4.575E-02	4.152E UZ	1	6.276E 01	
300 9.000 400 9.100 600 9.200 700 9.400 700 9.400 700 9.400 700 10.200 700 10.200 700 10.400 700 10.400 700 11.700 700 11.700 700 11.700 700 11.700 700 11.700	344.2	9.1296-01	21.64		-4.261E-02	4.141E UZ		6.275E 01	-1.299£ 00
9.100 9.200 9.	344.1	9.135E-01	21.82		-5-177E-02	4.143E U2	6.651E 02	6.277E 01	173
500 9.200 600 9.300 800 9.500 800 9.500 800 9.600 800 9.600 800 9.600 800 10.200 800 10.300 800 11.300 800 11.300 800 11.300 800 11.300 800 11.300	344.0	340	21.99		-4.124E-02	4.129E U.	6.703E 02	6.275E 01	-1.257E 00
9.300 9.400 9.	344.0	9.1636-01	22.15		-5.2786-02	4.156E uz	6.752E 02	6.276E 01	
9.400 9.500 9.500 9.500 9.500 9.500 9.500 9.600 10.100 9.600 10.200 9.600 10.200 9.600 10.200 10.600 9.600 10.700 10.600 9.600 10.700 10.600 10.700 10.	344.1	9.250E-01	22.33	2.058E 00	-5.324E-02	4.196E 02	6.807E 02		-1.623E 00
9.500 9.600 9.600 9.600 9.7000 9.700 9.700 9.700 9.700 9.700 9.700 9.700 9.700 9.7000 9.7	344.0		22. 50		-4.163E-02	4.218E 34	6.858E 02	6.275E 01	-1.269E 00
9400 9.400 1000 9.400 200 9.700 300 10.200 500 10.200 500 10.200 500 10.400 500 10.400 500 10.400 500 10.400 500 11.300 500 11.300 500 11.300 600 11.300 600 11.300 600 11.300 600 11.300 600 11.300 600 11.300 600 11.300	344.1		22.67		-4.261E-02	4.205E 02		6.274E 01	
9.700 100 9.700 200 10.000 500 10.100 500 10.200 600 10.300 600 10.400 600 10.400 600 10.400 600 11.000 600 11.500 600 11.500 600 11.500 600 11.500 600 11.600 600 11.600	343.9		22.84		-4.487E-02	4.181E 02			-1.368E 00
100 9.800 300 10.000 400 10.100 500 10.200 700 10.300 700 10.500 800 10.900 700 11.000 700 11.500 800 11.500 800 11.500 800 11.500 800 11.500 800 11.500	344.0	9.176E-01	23.01		-5.172E-02	4.162E 02			
200 10.200 500 10.200 500 10.200 500 10.300 700 10.300 700 10.500 10.600	343.9		23.16		-5.268E-02	4.147E U2	7.061E 02	6.272E 01	-1-606E 00
300 10.000 500 10.300 500 10.300 700 10.400 700 10.500 800 10.900 10.000	343.9	56E	23.34		-5.613E-02	4.153E 02			-1.711E 00
\$60 10.100 \$60 10.200 \$60 10.300 \$60 10.300 \$60 10.500 \$60 10.600 \$60 11.100 \$60 11.300 \$60 11.500 \$60 11.500 \$60 11.500 \$60 11.500 \$60 11.500 \$60 11.500 \$60 11.500	344.0	-	23.51		-4.943E-02	4.149E 02	7.165E 02	6.273E 01	-1.507E 00
500 10.200 700 10.300 700 10.400 900 10.500 900 10.500 10.000 10.000 900 11.500 900 11.500 900 11.500 900 11.500	344.1		23.67		-3.952E-02	4.132E 02	7.216E 02	6.273E 01	-1.204E 00
10.300 10.300 10.400 10.400 10.400 10.400 10.400 10.400 10.400 10.400 11.400 11.400 11.400 11.400 11.400 11.400 11.400 11.400 11.400 11.400 11.400	344.1	9.094E-01	23.88		-5.523E-02	4.125E 02	7.279E 02	6.275E 01	-1.683E 00
700 10-400 900 10-500 900 10-500 100 10-500 100 11-300 900 11-300 900 11-500 900 11-500 900 11-600 900 11-600	344.2	366	24.07		-4.785E-02	4.127E 02	-	6.274E 01	-1.458E DO
200 10.500 10.600 10.600 200 10.600 200 10.600 200 11.000 400 11.300 600 11.500 600 11.500 600 11.500 600 11.500	344-1	21E			-4-852E-02	4.137E 02	_	6.275E 01	-1.479E 00
100 11.700	344.1	9.184E-01	24.45		-5.714E-02			6.273E 01	Ti.
100 10.700 200 10.900 200 11.000 500 11.200 600 11.300 700 11.400 800 11.600 11.600	344.1	90			-4-132E-02		7.491E 02	6.271E 01	-1.260E 00
100 10.800 200 10.900 500 11.200 500 11.200 600 11.500 600 11.500 600 11.600	344.1		24.73		-4-498E-02	4.156E UZ		273E	-1.371E 00
200 10-900 300 11-000 500 11-200 600 11-300 700 11-500 900 11-500	344.1	9	24.91		-4.078E-02	4.129E 02		6.272E 01	-1.243E 00
11.000 500 11.200 500 11.300 700 11.500 900 11.500 100 11.700	344.0		25.10		-3-7196-02	4.145E 02	7.650E 02	6.274E 01	-1.134E 00
700 11.100 700 11.200 700 11.500 800 11.700 11.600	344.1	9.212E-01	25.28		-5.048E-02	4.179E 32	7. 706E 02	6.273E 01	-1.539E 00
500 11.300 500 11.300 600 11.500 900 11.600 100 11.700	344.1	9.281E-01	25.44		-4-428E-02	4.210E 02		6.272E 01	-1.350E 00
700 11.400 800 11.400 900 11.600 100 11.700	344.0	10-3017-6	19.62		-5-356E-02			6-273E 01	-1.633E 00
900 900 11.500 100 11.700 100 100 100 100 100 100 100 100 100	343.9	10-3267-6	22.18		-3.931E-02	4-190E 02	7.830E 02	10 30179	
900 11.500 000 11.700 100 11.800	243.4	7.414E-01	200	2.05 re 00	70-399-6-	4.1.0E 06	7. 909E 02		
000 11.700	343.9	10-3202.	20-10		-5-230E-02	4.10t 02	1.936E 02	0.272E 01	-1.594E 00
100 11.800	343.4	10-3077°6	97.07		-3-396E-07	20 3791-4	8.010E 02	10 3117 OF	-1.080E UU
100 11.800	344.0	9.20er-01	14.07		-0-010E-02	70 30/1·+		6.271E 01	-1-834E 00
-	344.0	9.180E-01	20.02	2.058E 00	-3.351E-02	4-104E 04	Said	6.272E 01	-1.021E 00
200 11.900	344.0	9.121E-01	26-83		-4-520E-02	4-137E UZ		6.275E 01	-1.378E 00
300 12.000	344.1	9.0746-01	27.00		-4.680E-02	4.116E 02		6.274E 01	-1.426E 00
400 12.100	344.0	85E-	27.18	2.058E 00	-4.557E-02	4.1216 04		6.273€ 01	-1.389E 00
200 12.200	344.0	966	27.36		-5.716E-02	4.127E 02	-	6.271E 01	-1.742E 00
600 12.300	344.1	9.1226-01	27.52	2.057E 00	-4.660E-02	4.137E u2	8.388E 02	6.270E 01	-1.420E 00
12.400	344.0	9.1236-01	27.68		-3.9916-02	4.138E 04	8.436E 02	6.270E 01	-1.216F 00
800 17.500	344.0	100	\$8.17		-4.228-02	4. IZIE 02	8.485E 02	0.2736 01	-1.287E 00
000 17.600	344.1	9.053E-01	28.02	2.058E 00	-4.044E-02	4.107E 02	8.540E 02	6.273E 01	-1.233E 00

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EXPERIMENTAL DATA

RCJR	KON	0366	LENSTON	LENGIA	* EL UCIII	ALLEL.	ENSIGN	LENGIA	VELUCITY	WLLEL.
#	TIME	ANGLE		1						
EC	SEC	DEG	1.85	1	FT/SEC	FT/SEC/SEC	GRAM	5	CM/SEC	CN/SEC/SEC
000	12.700	344.0	9.036E-01	28.19	2.058E 00	-5.971E-02	4.099E UZ	6.593E 02	6.272E 01	-1.820E 0
	12.800	343.9	.!	28.35	2.057E 00	-4-494E-02	4.117E J2	8-640E 02	6.270E 01	10.00
200	12.900	343.9	9-110E-01	28.50	.057E	-4.796E-02	4-132E UZ	8.687E 02	7.5	-1.462E 0
31.300	13.000	343.9	9.132E-01	28.66	2.056E 00	-4.541E-02	4.142E 02	8.736E 02	6.267E 01	-1.384E 0
004	13-100	343.8	9-129E-01	28.81		-4-284E-02	4-141E UZ	1	6.270F 01	-1.306E 0
200	13.200	343.9	9-125E-01	28.99		-6.902F-02	4.1395 02	8.836F 02		-2.104F 00
009	13.300	344.0		29.17		-4.3836-02	4.1336			3366
200	13.400	344.0	9.134F-01	20.36		-4. BOIE-02	4. 14aF			
000	200	244		20. 61		4436-03	77. 14.76			3646
	2000	244		17.00		20-3744-07	20 31416	0 0436 02	10 3666	3246
	13.000		10-31116	20.00		20-3017-0-	4.1335 UZ	7.04ZE 02	10 37/700	13100
	13.70	244.0		20.05		20-3476-07	20 3/01 ·		10 3117.0	00 367.1-
	13.800	2000		10.00		-3. rues -02	4.075E 02	4.14/E 02	10 31/7-9	-1.1306 0
	13.900	344.0		30.18		-4.663E-02	4.088E 02	9.200E 02	6.271E 01	421E
	14.000	344.0	1	30-34		-5.529E-02	4.098E UZ	9.248E 02		58 SE
	14.100	344.0		30.52		-3.7416-02	4-104E 02	9.302E 02	6.270E 01	1406
200	14.200	344.0	1	30.68		-5.331E-02	4.088E 02	9.351E 02	6.272E 01	-1.625E 00
	14.300	344.0	1	30.85		-3.471E-02	4.065E UZ	9.402E 02	6.269E 01	-1.058E O
	14.400	343.9		31.02		-5.2%E-02	4.053E UZ	9.453£ 02	6.271E 01	-1.601E O
	14.500	344.0	9.010E-01	31.19	1.987E 00	-2.163E 00	4.087E u2	9.507E 02	6.057E 01	-6.593E 0
006	14.600	344.3	9-161E-01	31.36		-4.316E 00	4.155E 02	9.55&E 02	5.049E 01	-1.316E O
000	14.700	344.4	1	31.47	1.284E 00	-4.209E 00	4.232E 02	9.592E 02	3.914£ 01	-1.283E 0
100	14.800	345.1		31.57	6.951E-01	-8.983E 00	4.31% 02	9.624E 02	2.1196 01	-2.738E 0
200	0.0	345.1	9.672E-01	31.59	-1.241E-03	-3.034E 00	4.387E J2	9.627E 02	-3.782E-02	-9.249E 0
300	0.0	345.0		31.57	-2.284E-02	3.947E-01	4.408E UZ	9.623E 02	-6.961E-01	1.203E 0
	0.0	345.2		31.59	-1.090E-02	-6.852E-02	4.450E UZ	9.629E 02	-3.3236-01	-2.089E O
	0.0	345.3		31.62	-1.380E-02	-6.233E-02	4.502E 02	9.636E 02	-4-205E-01	-1.9006 0
	0.0	345.7		31.65	-1.273E-02	-5.809E-02	4.563E UZ	9.647E 02	-3.880E-01	-1.771E O
	0.0	345.2		31.61	-1.260E-02	-5.520E-02	4.615E JZ	9.634E 02	-3.0416-01	-1.683E OC
	0.0	345.2		31.60	-1.257E-02	-5.544E-02	4.677E 02	9.631E 02	-3.831E-01	-1.6906 0
	0.0	345.2		31.99	-1.353E-02	-5.379E-02	4.724E 02	9.62%E 02	-4.1236-01	-1.639E O
	0.0	345.2		31.60	-1.308E-02	-5.239E-02	4.747E 04	9-633E 02	-3.987E-01	-1.597E O
	0.0	345.1		31. 99	-1.342E-02	-5.383E-02	4.778E UZ	9.629E 02	-4.0896-01	-1.641E 00
	0.0	345.2		31.99	-1.369E-02	-5.191E-02	4.793E 02	9.629£ 02	-4-172E-01	-1.582E 0
	0.0	345.1		31.58	-1.315E-02	-5.387E-02	4.827E 02	9.625E 02	-4.000E-01	-1.642E O
90	0.0	345.0		31.58	-1.345E-02	-5.467E-02	4.843E UL	9.627E 02	-4-1006-01	-1.666E O
200	0.0	345.1		31.57	-1.286E-02	-5.518E-02	4.856E JZ	9.624E 02	-3.921E-01	-1.682E O
009	0.0	345.0	1.072E 00	31.57	-1.332E-02	-5.583E-02	4.862E 02	9.622E 02	-4.059E-01	-1.702E O
200	0.0	345.1		31.58	-1.342E-02	-5.473E-02	4.855E 02	9.62% 02	-4.090E-01	_
008	0.0	345.1		31.58	-1.391E-02	-5.361E-02	4.855E UL	9.625E 02	-4.2396-01	-1.634E 00
	0.0	345.2		31.60	-1.364E-02	-5.491E-02	4.838E 02	9.631E 02	-4.158E-01	-1.674E O
000	0.0	345.2		31.60	-1.385E-02	-5.362E-02	4.819E UZ	9.631E 02	-4.223E-01	-1.634E OC
100	0.0	345.2		31.61	-1.332E-02	-5.466E-02	4.804E 02	9.633E 02	-4.059E-01	-1.666E OC
200	0.0	345.2		31.60	~	-5.181E-02	4.783E UL	9.631E 02	-4-220E-01	-1.579E 0
300	0.0	345.2		31.61	-1.302E-02	-5.200E-02	4.759£ uz	9.635E 02	-3.968E-01	-1.585E 0
35.400	0.0	345.1		31.61	M	-5.145E-02	4.738E UZ	9.634E 02	-4-1906-01	-1.568E 0

EXPERIMENTAL DATA

90.00	4	1300	T CAS I C.M	1000	CTH VELOCITY	4006	Tene for	JENGT .	THE INTERPRETATION OF THE PARTY	
TINE	TIME	ANGLE		LENGIN		WCCEL.	IE WOLLD	LENGIA		ACCEL.
SEC	SEC	990	185	=	FT/SEC	FT/SEC/SEC	GRAM	3	CM/SEC	CN/SEC/SEC
5.600	0.0	345.2	1.032E 00	31.61	-1.414E-02	-4.987E-02	4.6835 02	9.634€ 02	-4.309E-01	-1.520E 0
9. 700	0.0	345.2	1.026E 00	31.60	-1.317E-02	-5.111E-02	4.652E U2		-4.016E-01	-1.558E 00
5.800	0.0	345.2	1.020E 00	31.61	-1.371E-02	-5.292E-02			-4.179E-01	100
5.900	0.0	345.1	1.014E 00	31.58	-1.317E-02	-5.188E-02	4		-4.014E-01	-1.581E C
0000-9	0.0	345.0	1.00 SE 00	31.58	-1.348E-02	-5.310E-02			-4-109E-01	
6.100	0.0	345.0	1.004E 00	31.57	-1.309E-02	-5.249E-02			-3.991E-01	-
36.200	0.0	345.0	9.987E-01	31.57	-1.426E-02	-5.541E-02	4.530E JZ	9.624E 02	-4.345E-01	
6.300	0.0	345.1	9.93E-01	31.57	-1.370E-02	-5.455E-02	4.505E UZ		-4.175E-01	
6-400	0.0	345.2	9.901E-01	31.58	-1-335E-02	-5.321E-02		9.626E 02	-4.068E-01	
6.500	0.0	345.3	9.8596-01	31.59	-1.339E-02	-5.291E-02			-4.081E-01	
9.600	0.0	345.2	9.842E-01	31.61	-1.381£-02	-5.190E-02		9.635E U2	-4.208E-01	-1.582E
6. 700	0.0	345.2	9.818E-01	31.61	-1.330E-02	-5.149E-02	4.453E UZ		-4.052E-01	-
9.800	0.0	345.2	9.812E-01	31.59	-1.350E-02	-5.172E-02	4.451E UZ		-4.115E-01	
9. 900	0.0	345.2	9.803E-01	31.61	-1.371E-02	-5.204E-02			-4-178E-01	
7.000	0.0	345.2	9. 795E-01	31.60	-1.357E-02	-5.163E-02	4.4436 02	9.632E 02	-4-135E-01	
7.100	0.0	345.1	9.801E-01	31.61	-1.330E-02	-5.260E-02	4.46E 02	9.634E 02	-4.054E-01	
7.200	0.0	345.2	9.806E-01	31.62	-1.316E-02	-4.908E-02			-4.012E-01	-
7.300	0.0	345.3	9.820E-01	31.61	-1.257E-02	-5.145E-02	178		-3.832E-01	1000
7.400	0.0	345.2	9.85E-01	31.61	-1.372E-02	-5.187E-02	500		-4.181E-01	-
7.500	0.0	345.2	9.870E-01	31.60	-1-387E-02	-5.302E-02	53		-4.229E-01	-
7.600	0.0	345.1	9.904E-01	31.59	-1-408E-02	-5.410E-02			-4.291E-01	
7.700	0.0	345.1	9.937E-01	31.58	-1-450E-02	-5.406E-02	4.507E J2	III AND	-4-418E-01	-
7.800	0.0	345.1	9.980E-01	31.58	-1.413E-02	-5.382E-02			-4.306E-01	-
7.9007	0.0	345.1	1.001E 00	31.58	-1-348F-02	-5-401F-02	ď.		-4- 108E-01	

EXPERIMENTAL DATA

EST NO. 32	WINCH PARAMETERS				DATA PARAN	IETERS	
	CABLE MATERIAL	RUBBER	MODE STATIC	STATIC	16 - 01	16	
	DIRECTION	REEL-IN		0.0	MREC =	28	
	ACCELERATION, FPS2	3.00		0.0	NCHN .	•	
	VELUCITY, FPS	7.00			NHRO .	9009	
	DECELERATION, FPS2	0.0			* XX	5.460E-	10
	RUN TIME, SEC	28.00			. 3	2.259E	00
	INITIAL LENGTH, FT	30.00					
	FINAL LENGTH, FT	7.50					
				COLUMN SAN PLAN			

RUN	OSCL	TEMETON							
1114	A MC1 6	NOTENS.	TEMOIN	VEL OCITY	ACCEL.	TENSION	LENGTH	VELOCITY	ACCEL.
SEC	066	1.05	t	FT/SEC	FT/SEC/SEC	GRAM	5	CN/SEC	CM/SEC/SEC
0.0	345.5	1.026E 00	31.82	-1.883E-02	-6.264E-02	4.654E UZ	9.700E 02	-5.738E-01	900E
0.0	345.4	_	31.82	-1.867E-02	-6.140E-02	4.651E 02	9.698E 02	-5.689E-01	-1.671E 00
0.0	345.2	_	31.82	-1.831E-02	-6.083E-02	4.656E 02	9.697E J2	-5.582E-01	854E
0.0	345.3		31.82	-1.839E-02	-6.058E-02	4.655E UZ	9.698E 02	-5.605E-01	847E
0.0	345.1	_	31.79	-1.979E-02	-6.174E-02	4.645E JZ	9.691E 02	-6.032E-01	
0.0	344.8		31.78	-1.806E-02	-5.674E-02	4.634E 02	9.687E 02	-5.504E-01	729E
0.0	344.7	_	31.78	-1.821E-02	-5.674E-02	4.636E J2	9.685E 02	-5.551E-01	729E
0.0	344.7		31.77	-1.809E-02	-6.039E-02	4.647E 32	9.683E 02	-5.515E-01	941E
0.0	344.7	_	31.76	-1.842E-02	-5.944E-02	4.637E 02	9.682E 02	-5.615E-01	BIZE
0.0	344.5	_	31.76	-1.866E-02	-6.029E-02	4.644E 02	9.682E 02	-5.687E-01	8386
0.0	344.6		31.75	-1.886E-02	-6.043E-02	4.645E UZ		-5.749E-01	B42E
0.0	344.6		31.75	-1.865E-02	-6.293E-02	4.645E UZ	-	-5.685E-01	3016
0.0	344.7	_	31.74	-1.852E-02	-6.165E-02	4.637E U2	9.676E 02	-5.645E-01	879E
0.0	344.7	-	31.76	-1.806E-02	-5.970E-02	4.643E UZ	_	-5.504E-U1	BZOE
0.0	344.9		31.77	-1.779E-02	-5.995E-02	4.630E UZ	9.683E 02	-5.423E-01	-1.827E 00
0.0	344.8		31.78	-1.798E-02	-5.887E-02	4.633E UZ		-5.481E-01	794E
0.0	344.8	_	31.78	-1.787E-02	-5.763E-02	4.635E UZ	9.685E 02	-5.445E-01	75 7E
0.0	344.7	-	31.78	-1.824E-02	-5.835E-02	4.638E JZ	_	-5.558E-01	179E
0.0	344.7	-	31.78	-1.825E-02	-5.569E-02	4.635E UZ	9.686E 02	-5.562E-01	97E
0.0	344.7	1.023E 00	31.78	-1.816E-02	-5.754E-02	4.639E UZ	9.687E 02	-9.536E-01	-1.754E 00
0.0	344.7	-	31.78	-1.812E-02	-6.036E-02	4.635E UZ	9.686E 02	-5.523E-01	30 1
0.0	344.8		31.78	-1.775E-02	-5.514E-02	4.631E UZ	9.687E 02	-5.409E-01	
0.0	344.8	177.0	31.78	-1.779E-02	-5.696E-02	4.634E UZ	9.685E 02	-5.422E-01	736E
0.0	344.7	-		-1.798E-02	-6.076E-02	4.638E JZ	9.685E U2	-5.480E-01	852E
0.0	344.7			-1.851E-02	-5.943E-02	Sin	9.685E 02	-5.641E-01	3116
0.0	344.6		31.76	-1.809E-02	-6.080E-02	4.645E U2	9.680E 02	-5.512E-01	853E
0.0	344.7		31.75	-1.866E-02	-6.069E-02	4.643E UZ	9.679E 02	-5.688E-01	85 OF
0.0	344.7			-1.835E-02	-6.130E-02	4.639E UZ	9.678E 02	-5.594E-01	369E
0.0	344.8	-		-1.824E-02	-6.120E-02	4.641E UZ	9.679E 02	-5.558E-01	966E
0.0	344.8	77		-1.781E-02	-5.955E-02	4.635E uz	9.684E 02	-5.429E-01	815E
0.0	344.8		31.78	-1.175E-02	-5.898E-02	4.638E J2	9.687E 02	-5.411E-01	798E
0.0	344.8	1000		-1.775E-02	-5.795E-02	4.636E 02	9.688E 02	-5.409E-01	-1.766E 00
0.0	344.8			-1-752E-02	-5.951E-02	4.634E UZ	9.687E 02	-5.339E-01	-1.814E 00
0.0	344-8	11.00	31.78	-1-738F-02	-5.828F-02	4.635F JZ	O. KRIF 02	-6 2005-01	-1-77AF OO

EXPERIMENTAL DATA

COR	RUN	OSCL.	TENSION	LENG TH	LENGTH VELOCITY	ACCEL.	TENSION	LENGTH	TH VELOCITY	ACCEL.
TIME	71FE	ANGLE DEG	1.85	1	FTZSEC	257.257.19	- CO A M	7	J35/NJ	CHISELISE
		12 500 1								
3.400	0.0	344.8	1.022E 00	31.79	-1.786E-02	-5.770E-02	4.636E UZ	9.689E 02	-5.443E-01	-1.759
30.00		0.44.0	2 1		70-36-07	70-314J-C-	-77	7.5	10-3606-C-	306/-1-
3.600	0.0	200	2		-1.812E-02	-5.898E-02	4.636E UZ		-5.524E-01	-1.798E
3. 700	0.0	344.8		31.79	-1.772E-02	-5.865E-02			-5.402E-01	-1.788£ 00
3. 800	0.0	344.8	32		-1.755E-02	-5.661E-02	4.635E J2	9.685E 02	-5.349E-01	-1.726E
3.900	0.0	344.7	36		-1.774E-02	-5.792E-02	4.641E JZ		-5.407E-01	-1.765E
000	0.0	344.7	35	31.	-1.785E-02	-5.876E-02	4.639E UZ	9.685E 02	-5.440E-01	-1.791E
100	0.0	344.7	*		-1.800E-02	-5.882E-02	4.641E U2	9.683E 02		-1.793E
. 200	0.0	344.7	36		-1-798E-02	-6.047E-02	4.640E UZ	9.680E 02	-5.481E-01	-1.843E
.300	0.0	344.6	36		-1.808E-02	-5.941E-02	4.642E UZ	9.676E 02	-5.510E-01	-1.811
***	0.0	344.7	35	31.75	-1.758E-02	-6.000E-02	4.638E 02	9.679E 02	-5.357E-01	-1.829€
- 500	0.0	344.8	32		-1.770E-02	-5.8126-02	4.636E UZ	9.683E 02	-5.394E-01	-1.77LE
009-	0.0	344.9	2E		-1.744E-02	-5.838E-02	4.635E U2	9.687E 02	-5.315E-01	-1.779E
. 700	0.0	344.9	32		-1.741E-02	-5.846E-02	4.637E U2	9.689E 02	-5.307E-01	-1.782E
. 800	0.0	344.8			-1.698E-02	-5.7766-02	_	9.690E 02	-5.176E-01	-1.760E
006-1	0.0	344.8	4		-1.747E-02	-5.605E-02	4.633E 02	9.687E 02	-5.3256-01	-1.708E
2.000	0.0	344.9	2E		-1.704E-02	-5.663E-02	4.634E 02	9.692E 02	-5.193E-01	-1.726E
2.100	0.0	344.8	2E		-1.769E-02	-5-832E-02	4.634E UZ	9.689E 02	-5.393E-01	-1.778E
9.200	0.0	344.8	2E		-1.7536-02		4.634E 02	9.68BE 02	-5.3446-01	-1.748E
9.300	0.0	344.9	32		-1.763E-02	-5.609E-02		9.694E 02	-5.373E-01	-1.7106
2.400	0.0	344.9	16		-1.757E-02	-5.540E-02	4-632E 02	9.691E 02	-5.356E-01	-1.689
9.500	0.0	344.8	×		-1.796E-02	-5.573E-02		9.687E 02	-5.4736-01	-1.699
9.00	0.0	344.7	*		-1.787E-02	-5.689E-02	4.639E 02	9.689E 02	-5.4476-01	-1-734E 00
9. 100	0.0	344.8	35	31.	-1.821E-02	-5.905E-02	100	9.684E 02	-5.5496-01	-1.800E
. 800	0.0	344.8	*	31.77	-1.765E-02	-5.963E-02		9.684E 02	-5.3786-01	-1.618E
900	0.0	344.7	*		-1-789E-02	-5.919E-02		9.680E 02	-5.453E-01	-1.804E
000-	0.0	344.7	*	31.76	-1.738E-02	-5.938E-02	4.640E 02	9.682E 02	-5.296E-01	-1.8106
9.100	0.0	344.9	32	31.	-1.727E-02	-5.9486-02	4.637E 02	9.687E 02	-5.264E-01	-1.0136
2.500	0.0	34.9	32	31.	-1.727E-02	-5.817E-02		9.691E 02	-5.264E-01	-1.773E
.300	0.0	344.9	31		-1.748E-02	-5.802E-02	57		-5.328E-01	-1.76BE
2.400	0.0	345.0	w	31.80	-1.679E-02	-5.687E-02	-	9.692E 02	-5.117E-01	-1.734E
9.500	0.0	344.9	*		-1.800E-02	-5.752E-02	.100	9.693€ 02	-5.487E-01	-1.738
9.600	0.0	344.9	3		-1.728E-02	-5.587E-02	4.630E 02	9.697E 02	-5.268E-01	-1.703E
2.700	0.0	344.9	35		-1.738E-02	-5.707E-02	-	9.690E 02	-5.297E-01	-1.739E
2.00	0.0	344.8	35		-1.756E-02	-5.685E-02		9.690E 02	-5.352E-01	-1.733E
2.900	0.0	344.9	3		-1.724E-02	-5.417E-02	4.631E 02	9.695E 02	-5.255E-01	-1.651
2.000	0.0	344.9	31	31.80	-1.729E-02	-5.477E-02	4.631E 02	9.691E 02	-5.270E-01	-1.669
2.100	0.0	34.8	35		-1.691E-02	-5.856E-02	13.	9.691E 02	-5.155E-01	-1.785E
7.200	0.0	344.8	31		-1.711E-02	-5.807E-02	•	9.690E 02	-5.216E-01	-1.770E
7.300	0.0	344.7	36		-1.730E-02	-5.759E-02	4.641E UZ	9.687E 02	-5.272E-01	-1.755E
2.400	0.0	344.7	¥		-1.708E-02	-5.699E-02	4.646E 02	9.683E 02	-5.206E-01	-1.737E
1.500	0.0	344.8	¥		-1.748E-02	-5.879E-02	4.644E 02	9.683E 02	-5.329E-01	-1.792t
2.600	0.0	344.8	36		-1.647E-02	-5.892E-02	4.640E 04	9.686E 02	-5.019E-01	-1.796E
7.700	0.0	344.9		31.	-1.6596-02	-5.783E-02	4.639€ 02	9.690E 02	-5.057E-01	-1.763E
008-	0.0	344.9	36		-1-67AF-02	-5-454E-02	4-6346 02	9.692E 02	1075-01	-1. 722E
					-				101111	

EXPERIMENTAL DATA

	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	OSCL.	IENSION	LENGIN	VELOCITY	ACCEL .	IENSION	LENGTH	VELUCITY	ACCEL.
SEC	SEC	DEG	188	E	FT/SEC	FT/SEC/SEC	GRAM	5	CN/SEC	CM/SEC/SEC
0000	0.0	345.0	- 3	19:16	-1.5706-02	-5.722E-02	4.639E 04	9.695E 02	-4-785E-01	
	0.0	344.9			-1.608E-02	-5.558E-02	4.635E UZ	177	-4.902E-01	-1.394E O
	0.0	344.9		31.	-1.646E-02	-5.511E-02	4.630E UZ		-5.017E-01	
	0.0	345.0		31.	-1.5996-02	-5.590E-02	4.635E 02		-4. 873E-01	1.704E
	0.0	344.9		31.	-1.585E-02	-5.419E-02	4.632E U2	36	-4-830E-01	
	0.0	345.0		31.	-1.5736-02	-5.401E-02	4.630E 02		-4. 793E-01	
	0.0	345.0		31.	-1.588E-02	-5.409E-02	4-630E 02	36	-4-839E-01	9649
0	0.0	344.9	1.022E 00	31.	:	-5.605E-02	4.634E 02	346	-4.822E-01	:
800	0.0	344.8		31.		-5.661E-02	4.641E 02	E	-4.792E-01	1.726E
9	0.0	344.8			P	-5.773E-02	4.639E 02	7	-4-895E-01	1.760E
9	0-0	344.8		31.	-1.567E-02	-5.627E-02	4.644E UZ	100	-4.776E-01	1.71SE
	0.0	344.8		31.	-1.554E-02	-5.756E-02	4.638E 02	17E	-4.737E-01	1.755E
	0.0	344.8			-1.548E-02	-5.936E-02	4.642E UZ		-4.717E-01	BIOE
Ī	0.0	345.0				-5.752E-02	4.631E 02	346	-4- 761E-01	1. 753E
	•	345.0	1.021E 00		-1.436E-02	-5.560E-02	4.633€ 02		-4-378E-01	1.697E
	0.0	345.0		31.01	-1.425E-02	-5.594E-02	4.630E 02	57	-4-342E-01	
	0.0	345.0		31.	-1.446E-02	-5.486E-02	4.634E UZ		-4-407E-01	1.672E
	0.0	344.9			-1.4786-02	-5.226E-02	4.633E UZ		-4.505E-01	
	0.0	344.9		31.	-1.480E-02	-5.263E-02	4.634E U2	9.69BE 02	-4.511E-01	-1.604E 00
Ī	0.0	344.9		31.	-1.445E-02	-5.350E-02	4.636E U2		-4.403E-01	
	0.0	344.0	1.022E 00		-1.460E-02	-5.446E-02	4.635E u2	47	-4.450E-01	
100	0.0	345.0			-1.4236-02	-5.5216-02	4.63ZE UZ	9.701E 02	-4.337E-01	(1738)
2	0.0	345.0		31.62	-1.486E-02	-5.566E-02	4.635E 02		-4. 528E-01	.697E
2	0.0	34.0			-1.4796-02	-5.750E-02	4.633E 02	37.7	-4.508E-01	
2	0.0	34.0	_	31.8	-1.494E-02	-5.570E-02	4.632E 02	9.694E 02	-4.553E-01	-1.698E 00
2	0.0				-1.5116-02	-5.623E-02	4.632E 02		-4.605E-01	-1.7146
2	•	344.	1-023E 00		-1.516E-02	-5.809E-02	4.640E J2		-4.621E-01	-1.771E O
1					20-3060-1-	10-32717-	4.039E UZ		•	-0.40%
1	001-0	343.3	3	31.8	10-3021-2-	-4-2400 00	4.039E UZ		-0.474E 00	-1.294E 0
	007.0	343.0	1		-6.203E-01	-3.922E 00	4.683E 02			-1.195E 0
177	0.300	345.7			-9.300E-01	-3.272E 00	4.171E 02		837E	-9.974E 0
	004-0	345.	1.0616 00		-1.227E 00	-3.24ZE 00	4.81ZE 02	-	-3.7416 01	-9.88ZE 0
1	0000	-			-1.5196 00		4.505E U.	-	8	-9.777E 0
1000	009-0		1.0036		-1-808E 00	-200E	4.923E 02	9.585E 02		-9. 753E 0
	00. 100	346.4			-2.060E 00	-1.936E 00			78E	-5.902E 0
1000	000	346.4	1036	31.11	-2.115E 00	3.447E-02	5.00%E 02			1.051E 0
10.5	006-0	346.4	114		-2.107E 00	-3.757E-02	3		621E	-1.1456 0
-1 -4	000	346.5	1106		-2.108E 00	-6.664E-02	5.072E 02		126E	-2.031E 0
-	1.100	346.6	127E		-2.100E 00	-5.541E-02		7		-1.689E 0
100	1.200	346.4	125E	30.	-2-109E 30	-6.364E-02	\$.104E 02		-6.427E 01	-1.940E O
2	1.300	346.4	1106		300	-3.703E-02			125£	-1.1296 0
2	1.400	346.3			-2.108E 00	-7.443E-02	5.034E 02		-6.425E 01	-2.269E 0
2	1.500	346.3	1156		-2.108E 00	-5.355E-02	5.057E 02	9.103E 02	-6.425E 01	-1.632E 0
2	1.600	346.4		29.	-2.108E 00	-6.010E-02	.070		425E	•
2	1.700	346.3	1-124 00		-2.109E 00	-6.319E-02	5.101E 02	8.999E 02	-6.427E 01	-1.926E 0

EXPERIMENTAL DATA

RCOR	RUN	OSCL.	TENSION	LENGTH	VEL OC 1 TY	ACCEL.	TENSION	LENGTH	VELOCITY	ACCEL.
SEC	SEC	066	res		FT/SEC	FT/SEC/SEC	GRAM	5	CM/SEC	CM/SEC/SEC
12.600	1.900	346.4	1-1246 00		976	-7-531E-02	5.097E JZ	8.903E 02		-2.295E 0
2.700	2.000	346.4	1.122E 00		-2.108E 00	-5.129E-02		8.853E 02	-6.425E 01	-1.563E 00
5.800	2.100	346.5	2		-2.107E 00	-4.346E-02	5.066E 02		-6.421E 01	-1.325E 00
2.900	2.200	346.5	1-116E 00		300	-6.966E-02	5.062E 02		-6.424E 01	-2.123E 00
3.000	2.300	346.4	36		38C	-3. 793E-02			(55)	100
3.100	2.400	346.5	2	28.36	-2.107E 00	-6.814E-02	5.014E 32		-6.423E 01	-2.077E 00
3.200	2.500	346.5	8		300	-5.126E-02			425E	563E
3.300	2.600	346.4	36		1 07E	-4.030E-02			421E	-1.228E 00
3.400	2.700	346.5	¥	27.85	107E	-6.010E-02			423E	
3.500	2.800	346.4	36		107E	-3.927E-02	4.942E UZ			-1.197E 00
3.600	2.900	346.4	*		910	-7.542E-02		-		7
3.700	3.000	346.4	*		380	-5.286E-02	4.934E 02	8.320E 02	.426E	-1.611E
3.800	3.100	346.3	9		-2.107E 00	-4.394E-02	4.925E 02			-1.339E
3.900	3.200	346.3	ž		-2.108E 00	-6.491E-02	4.922E 02	8.210E 02	-6.425E 01	-1.979E 00
000-1	3.300	346.5	*	77.97	-2.107E 00					116E
4-100	3.400	346.5	7		-2.107E 00	-7.204E-02	4.887E 02			196E
4.200	3.500	346.5	7			-5.441E-02		8.056E 02		-1.658£ 00
4.300	3.600	346.6	*		-2.107E 00	-4.562E-02	18	8.005E 02		-
4-400	3.700	346.6	7		-2.107E 00	-5.683E-02	4.883E 02	7.950E 02	-6.423E 01	-1.732E 00
4.500	3.800	346.5	*		07E	-4.194E-02	4.879E 02	1000	422E	-1.278£
4.600	3.900	346.5	*	1 25.74	07E	-6.024E-02	4.880E JZ	~	-6.422E 01	-1.836E
4.700	4.000	346.6	*		39G	-5.442E-02	4.897E U2	7.789E 02	-6.421E 01	-1.659E
4.800	4.100	346.6	1.078E 00		106E				-6.419E 01	-1.574E
4.900	4.200	346.6	8		106E	-5.556E-02	_	_	-6.420E 01	3969
2.000	4.300	346.6	w	17.0	3901	-4.637E-02		7.630E 02	-6.419€ 01	1136
2-100	4.400	346.5	3		-2.106E 00	-6.156E-02	4.896 02	-	-6.420E 01	176E
2.200	4.500	346.5	*		106E	-4.997E-02	_	_	-6.420E 01	-1.523E 00
2.300	4.600	346.5	36	-	98	-5.631E-02			-6.420E 01	. 716E
2.400	4.700	346.5	*	1		-6.177E-02		7.414E 02	421E	
2.500	4.800	346.5	×		390	-4.237E-02		_	-6.420E 01	-1.291E 00
2.600	4.900	346.5	32			-6.289E-02	4.9096 02	770	41 9E	-1.917E
2. 700	2.000	346.6	*	73.81	OSE		-		3419	-1.562E 00
2.800	2.100	346.7	36		950			7.207E 02	-6.417E 01	-1.629E
2.900	2.200	346.6	3	200		-5.541E-02	_	_	-6.419E 01	9689
000 -9	2.300	346.7	3		105E	-4.427E-02			-6.41 7E 01	-1.349E 00
6.100	2.400	346.6	8		390 T	-5.932E-02	4.943E UZ	7.056E 02	-6.418E 01	-1.808E 00
6.200	2.500	346.6	4		105E	-4.893E-02	4.947E 02	370	-6.417E 01	316
6.300	2.600	346.7	96		3501	-5.379E-02			-6.416E 01	_
6.400	2.100	346.7	8	22.63		-5.777E-02	4.944E UZ	6.897E 02	-6.419E 01	
6.500	2.800	346.7	36		390 T	-4.259E-02	4.940E JZ		-6.418E 01	386Z
009.9	2.900	346.7	7		-2.106E 00	-6.222E-02	4.931E 04		-6.418E 01	-1.897E 00
6.700	0000.9	346.6	7		-	-4-773E-02	4.932E 02		-6.419E 01	-1.455E
9.800	6.100	346.6	*		-2.10%E 00	-4.857E-02	4.924E 02	6.683E 02	-6.417E 01	-1.481E
006.9	6.200	346.6	¥		-2.106E 00	-5.603E-02	4.918E 32	6.628E 02	-6.419E 01	-1. 708E
17.000	6.300	346.6	¥		-2.106E 00	-4-677E-02	4.927E 02	6.572E 02	-6.418£ 01	-1.425E
	,							-	į.	

EXPERIMENTAL DATA

RCOR	RUN	OSCL.	TENSICA	Z	LENGTH	VELOCITY	ACCEL .	TENSION	LENGTH	VELOCI TY	ACCEL.
	SEC	DEG	1.85			FT/SEC	F1/SEC/SEC	GRAM	5 782	CM/SEC	CM/SEC/SEC
	6.500	346.6	1.086	90	21.20	950	-5.215E-02	4.925E 32	2000	-6.416E 01	-1.589£ 0
17.300	009-9	346.8	1.084E	00	21.05		-5.124E-02		6.416£ 02	-6.416E J1	
	6.700	346.7	1.084E	8	20.08	340	-5.668E-02		-	-6.413E 01	
	9.800	346.8	1.086E	8	20.72	350	-4.840E-02		658	1 SE	-1.475E 00
	006.9	346.8	1.083E	8	. 20.54	05E	-6.082E-02	4.913E uz	6.259E 02	-6.416E 01	-1.854E 0
	1.000	346.7	1.085E	8	20.36	350	-5.337E-02	4.920E UZ		-6.416E 01	62 7E
	7.100	346.7	1.085E	8	20.18	950	-5.227E-02	4.922E 02	6.151E 02	-6.416E 01	593E
	7.200	346.7	1.0846	8	20.00	-2.105E 00	-4.649E-02	4.915E UL		-6.417E 01	3714
	7.300	346.7	1.086E	8	19.83	104E	-4.663E-02	924E	6.044E 02	-6.414E 01	421E
	7.400	346.9	1.082E	00	19.61		-5.079E-02			-6.414E 01	548E
	7.500	346.7	1.084€	00	19.49	104E	-5.317E-02			-6.414E 01	620E
	7.600	346.7	1.085E	00	19.31	-	-5.150E-02	4.921E J2	5.884E 02	-6.414E 01	570E
	7.700	346.7	1-082E	00	19.12	-	-5.216E-02	900E	5.828E 02	3+14	306S
	7.800	346.6	1.085	8	18.94		-4.845E-02	4.920E 02	5.773E 02	-6.4146 01	477E
	7.900	346.6	1.085E	00	18.75		-4.794E-02		5.716E 02	-6.414E 01	461E
	8.000	346.6	1-082E	8	18.59	-2.104E 00	-6.464E-02	1	5.666E 02	-6.414E 01	970E
	8.100	346.7	1-07%	00	18-40	-2.105E 00	-5.430E-02	4.896E 02	\$.610E 02	-6.415E 01	-1.655E 00
	8.200	346.8	1.071E	00	18.24	-2.105E 00	-4.728E-02	4.859E 04	\$.560E 02	-6.415E 01	-1.441E 00
	8.300	346.8	1.066	8	18.08	-	-4.866E-02	4.835E UZ	5.512E 02	-6.410E OL	
	8.400	346.8	1.061E	00	17.91	-2.104E 00	-5.427E-02	4.813E 02	5.457E 02	-6.413E 01	-1.654E 00
	8.500	346.8	1.05%	00	17.74	-	-4.780E-02	12.	5.409E 02	-6.411E 01	
	8.600	346.8	1.061E	00	17.57	104E	-6.279E-02	000	5.355E 02	-6.412E 01	-1.914E 00
	8.700	346.7	1.063	00	17.40	-	-4.175E-02		\$.303E 02	-6.412E 01	-1.455E
	9.800	346.8	1.064€	8	17.22	1 03E	-5.053E-02		_	-6.411E 01	-1.5406
	8.900	346.8	1.063€	00	17.03		-4.790E-02		-	-6.4146 01	-1.460E
	0000	346.9	1.058E	8	16.88	_	-4.365E-02		5.146E 02	3	
	6.100	346.8	1.056E	8	16.70		-6.4146-02	7	5.091E 02	-6.410E 01	-1.955E 00
	4.200	346.7	1.055E	8	16.53	1046	-4-161E-02	310	5.038E 02	-6.4136 01	12000
	9.300	346.7	1-0546	8	16.34	1036	-4. 720E-02	51		-6.410E 01	-1.439E 00
	0.400	346.7	1.056	8	16.17	1046	- 5.405E-02	4. 789E UK	4.928E 02	-6.412E 01	-1.647E
	0.500	346.6	1.055E	8	15.99	103E	-4.892E-02	-		301	-1.491E
	009.6	346.7	1.0546	8	15.80		-6.586E-02	7		-6.409E 01	300 BE
	9. 700	346.7	1.052E	8	15.63	1036	-4.554E-02		4. 764E 02	3116	-1.388E 00
	000	346.8	1.053€	8	15.48	103E	-5.723E-02	176E		10 3604.9-	-1.744
	006.6	346.9	1.056	8	15.31	1046	-5.813E-02	4.789E UZ	4.666E 02	-6.414E 01	-1.772E
	0000-01	346.9	1.055E	00	15.14	-	-4.357E-02	_		126	328E
	10.100	346.8	1.056E	8	14.97	73.	-6.380E-02			3110	-1.945E 00
	10.200	346.8	1.056E	8	14.80	1046	-2.952E-02	75.0		-6.412E 01	-386
	10-300	346.8	1.058E	8	14.64	_	-5.351E-02	9	4.462E 02	-6.409E 01	-1.631E 00
	10.400	346.9	1.0646	00	14.47	105E	-6.218E-02		_	-6.415E 01	-1.895E
	10.500	346.8	1.066E	8	14.28	-	-3.189E-02		4.353E 02	-6.411E 01	-9.720E-C
	10.600	346.8	1.069	8	14.12	-2.103E 00	-6.187E-02		_	-6.409E 01	-1.886E
	10.700	346.9	1.071E	8	13.94	-	-3.286E-02	4.859E UZ	4.248E 02	-6.412E 01	-1.001E
	10.800	346.8	1.073	00	13.75	-2.102E 00	-4.922E-02	4.866E U.	4.192E 02	-6.408E 01	-1.500E
	10.900	346.8	1.071E	8	13.58	-2.104E 00	-6.453E-02	4.858E U2	4.140E 02	-6.413E 01	-1.967E

EXPERIMENTAL DATA

RCDR	T E	OSCL.	TENSION	LENGTH	VEL OC 1 TY	ACCEL .	TENSION	LENGTH	VELOCITY	ACCEL.
SEC	SEC	DEG	597	H	FT/SEC	FT/SEC/SEC	GRAM	3	CN/SEC	CM/SEC/SEC
21.800	11.100	346.7	3	13.22	-2.104E 00	-6.700E-02	4.809E J2	4.028E 02	-6.412E 01	-2.042E 00
21.900	11.209	346.7	BE.	13.02	340	-4.087E-02	4.799E UL	-	413E	-1.246F 00
22.000	11.300	346.9	36	12.86	32E	-4.442E-02	4.798E U.	3.920E 02	-6.408E 01	
22.100	11.400	346.9	3	15.69		-7.022E-02	4.812E JZ	3.869E 02	413E	-2.140E 00
22.200	11.500	347.0	×	12.53	3E	-3.037£-02	4.824E UZ		410E	-9.258E-01
22.300	11.600	347.0	ž	12.36	3E	-6.993E-02			960t	-2.132E 00
22.400	11.700	346.9	3	12.19	-2.104E 00	-3-709E-02			412E	-1.1306 00
22.500	11.800	346.9	*	12.05		-3.841E-02	4.871E UZ		7	-1.171E OC
22.600	11.900	346.9	2	11.84	3401	-6.443E-02	4.886E U2	3.609E 02	413E	-1.964E OC
22.700	12.000	346.9	36	11.67		-2.729E-02	4.895E U2	1770	-6.412E 01	-8.317E-0
22.800	12.100	346.9	*	11.49		-7.171E-02	4.900E UZ	3.501E 02	3014	
22.900	12.200	346.9	=	11.32	.05E	-3.382E-02	4.904E J2	3.451E 02	-6.415E 01	-
23.000	12.300	347.0	2	11.14	-	-3.641E-02			-6.410E 01	
23.100	12.400	347.0	*	10.96	3501	-6.989E-02			-6.415E 01	-2.130E 00
23-200	12.500	346.8	w :	10.79	-2.104E 00	-2.707E-02	4.899E 02	3.289E 02		-8.250E-01
23.300	12.600	346.8	*	10.62	1 03E	-6.815E-02		_	-6.409E 01	-2.077E 00
23.400	12.700	346.8	*	10.44	-2.104E 00	-5-361E-02	4.894E 02			
23.500	12.800	346.8	*	10.25	1036	-3.669E-02		_		-1.118E 00
23.600	12.900	346.8	<u>.</u>	10.01	-2.104E 00	-7-186E-02	4.885E UZ	3.071E 02		-2.190E O
23.700	2000	341.0	2	7.5	-2.10%E 00	-2.329E-02	-	70,127		
23.900	2000	347			200 250 00	-0-300E-0-	4.001E UZ	2 9305 02	10 3606.0-	-1.9200
24.000	13.300	366.7	1.0646 00	54.0	-1-8835 00	3.776 00	4-010E US	2. RADE 02	-6.739E 01	311
24-100	13.400	346.4		9.32	-1-499 00	4.253E 00		2.840F 02		1.296F 02
24-200	13.500	345.6	*	9.25	-8.344E-01	5.022E 00			543E	1.5
24.300	0.0	345.7	3E	9.23	-2.096E-02	3.434E 00	_			
24.400	0.0	345.9	7	9.24	3.393E-03	-5.226£-01		•	1.034E-01	77
24.500	0.0	345.8	36-	9.25	-1-443E-02	-1.5146-02	4.461E UZ	2.819E 02	-4.397E-01	-3+19
24.600	0.0	345.5	SE-	9.25	-1-235E-02	-3.607E-02		_	-3.765E-01	7
24. 700	0.0	345.4	9.489E-01	9.24	-1-182E-02	-4.5496-02		2.816E 02	-3.604E-01	386E
24-800	0.0	342.5	9.471E-01	9.54	-1.293E-02	-4.678E-02	4.2%E 32	2.816E 02	-3.9426-01	
26.900	•	342.5	9.420E-01	62.6	-1.3366-02	20-3080-1-		2.814E 02	-4-072E-01	
26.000		245 6	9 3946-01	3:0	70-3776-07	70-3000-	4.63% US	20 3719.7	10-3791	-1.551E 00
25.200		345.6	9 4226-01	3.56	7036-02	-4-401E-02	20 3707.	2.810E 02	10-36-01	300
25.300	0.0	345.6	9-469F-01	9.22	-1 2286-02	-4-840E-02		2. 8116 02	-3.7426-01	
25.400	0.0	345.6	9.527E-01	9.24	-1.2046-02	-4.0176-02		2. 814E 02	-3.669F-01	
25.500	0.0	345.7	9-620E-01	9.25	-1.258E-02	-4.84£-02	4-366F JZ	2.821E 02	-3.834F-01	SA3F
25.600	0.0	345.7	9-711E-01	9.24	-1.246E-02	-4.878E-02		2.816E 02	-3.797E-01	-1.487E 00
25.700	0.0	345.6	- 34	9.25	-1.340E-02		4.462E 02	2.820E 02	-4.085E-01	\$61E
25.800	0.0	345.6	. JE -	9.26	-1.295E-02	-4.699E-02	4.512E UZ	_	-3.947E-01	132E
25.900	0.0	345.7	*	9.25	-1.324E-02			2.819E 02	-4.035E-01	-1.502E 00
26.000	0.0	345.7	36	9.25	-1.273E-02	-4.968E-02	4.619E 02	2.818E 02	-3.881E-01	314E
26.100	0.0	345.1	1.028E 00	9.26	-1.287E-02	-4.893E-02	4.663E 02	2.821E 02	-3.922E-01	-1.491E 0
26.200	0.0	345.8	*	9.24	-1.340E-02	-4.968E-02	4.714E J2	2.817£ 02	-4.083E-01	-1.514E O
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EXPERIMENTAL DATA

					215			7517		
CDR	RUN	OSCL.	TENSION	LENGTH	LENGTH VELOCITY	ACCEL.	TENSION	LENGTH	VELOCITY	ACCEL.
INC	- 1 4	ANGLE								
SEC	SEC	930	1.85	E	FT/SEC	FT/SEC/SEC	GRAN	5	CM/SEC	CM/SEC/SEC
004.	0.0	345.5	1.057E 00		-1.312E-02	-4.857E-02	4.794E 02	2.816E 02	-3.998E-01	-1.481E 00
.500	0.0	345.5	1.062E 00	8	-1.451E-02	-5.210E-02	•	2.813E 02	-4.422E-01	_
009	0.0	345.5	1.066E 00		-1.435E-02	-5.339E-02				
26.700	0.0	345.6	1.068E 00	9.21	-1.468E-02	-5.319E-02	4.845E UZ	2.808E 02	-4.4746-01	-1.621E 00
. 800	0.0	345.6	1.069E 00		-1.296E-02	-5.341E-02				
006	0.0	345.7	1.066E 00	Ī	-1.349E-02	-5.041E-02	-	_		-
000	0.0	345.8	1.062E 00		-1.290E-02	-4.994E-02	_	10		-
. 100	0.0	345.7	1.057E 00	Ñ.	-1.229E-02	-4.874E-02	-	_		-
. 200	0.0	345.7	1.050E 00	1	-1.266E-02	-4.794E-02	_	_		
.300	0.0	345.6	1.044E 00		-1.271E-02	-4.870E-02	•	_		-
004	0.0	345.6	1.036€ 0€		-1.371E-02	-4.958E-02	_	-		-
. 500	0.0	345.7	1.029E 00		-1.301E-02	-4.902E-02	_			-
009	0.0	345.6	1.021E 00		-1.374E-02	-4.866E-02	_			_
. 700	0.0	345.7	1.012E 00	The second	-1.259E-02	-4.755E-02	_	-		-
. 800	0.0	345.7	1.005E 00		-1.258E-02	-4.873E-02		-		
,006	0.0	345.6	9-998E-01		-1-298F-02	-4.983E-02	4.535F 02	2.817F 02	-3.056F-01	

EXPERIMENTAL DATA

SEC SEC	05CL. ANGLE DEG 347.2	LIMAL LEMOINS T	2 L	2.00 1.00 36.00 5.00 26.10			1.00 Per 1.0	KA - 5.360E-01	10-101
W 0 0	ANGLE DEG 347.2	TENSION	LENGTH	ENGLISH UNITS	ACCEL .	TENSION	LENGTH	METRIC UNITS	ACCEL.
0.0	347.2	1.85	E	FT/SEC	FT/SEC/SEC	GRAM	5	CN/SEC	CM/SEC/SEC
-	345.7	9.611E-01	7.04	-7.514E-03	2.971E-03	4.360E 02	2.14TE 02	-2.290E-01	9.054E-02
		1.000E 00	6.62	-1.990E-02	-1.0396-02	000	2.018E 02	-6.064E-01	-3.168E-01
0.0	345.8	1.0016 00	6.61	-2.010E-02	-1.074E-02		2.016E 02	-6.127E-01	-3.274E-01
	345.6	9-9ARF-01	10.0	-1.978E-02	-1-105E-02	4.530F UZ	2.0145 02	-5.876F-01	-3-3676-01
0.0	345.2	36-	6.62	-1.850E-02	-9.216E-03		2.017E 02	-5.639E-01	-2.809E-01
•	345.4	- 35	\$.	-1.828E-02	-9.569E-03		2.023E 02	-5.573E-01	-2.917E-01
0.0	345.4	9.957E-01	9.0	-1.832E-02	-9.540E-03	4.516E 02	2.023E 02	-5 185E-01	-2.908E-01
	345.3	9-9696-6	6.63	-1-886E-02	-9.592E-03	-	2.022E 02	-5.750F-01	-2.924E-01
0.0	345.3	JE-	6.64	-1.832E-02	-8.905E-03		2.023E 02	-5.584E-01	-2.714E-01
0.0	345.4	-94	4.0	-1-892E-02	-9.461E-03	-	2.024E 02	-5.766E-01	-2.884E-01
0.0	345.3	9.9776-01	6.63	-1.894E-02	-8.683E-03		2.022E 02	-5.772E-01	-2.646E-01
900	345.4	9.9776-01	6.6	-1.844E-02	-9-186F-03	4.525F UZ	2.023F 02	-5.620E-01	-2.800F-01
0.0	345.2	9-985E-01	3	-1-887E-02	-9.572E-03	5 000	2.022E 02	-5.751E-01	-2-918E-01
0.0	345.2	9.9938-01	40.0	-1.898E-02	-9.409E-03		2.023E 02	-5.787E-01	-2.868E-01
•	345.2	4	6.63	-1.941E-02	-9.84E-03	534E	2.021E 02	-5.9165-01	-3.000E-01
0.0	345.2	w	6.62	-1.904E-02	-9.487E-03		2.017E 02	-5.803E-01	-2.892E-01
0.0	345.2	1.000E 00	19-9	-1.943E-02	-1.024E-02		2.015E 02	-5.9236-01	-3.121E-01
	345.2	ų .	10.0	-1.8976-02	- 4.00 EO.	4.536E UZ	20105 02	10-326-01	-2.92 re-01
0.0	345.4	<u>.</u>	20.0	-1.8316-02	-9.0756-03	31.77	2.021F 02	-5. 582E-01	-2.766F-01
0.0	345.3		99-9	-1.846-02	-9.2166-03		2.025E 02	-5.6216-01	-2.809F-01
0.0	345.4	9.978E-01	69.9	-1.8146-02	-8.8826-03	1000	2.027E 02	-5.5306-01	-2.707E-01
0.0	345.3	-39	6.65	-1.808E-02	-8.9416-03	4.529E U.	2.027E 02	-5.512E-01	-2.725E-01
••	345.4	9.966E-01	6.65	-1.864E-02	-9.055E-03	4.520E UZ	2.027E 02	-5.681E-01	-2.760E-01
0.0	345.3	9.982E-01	6.65	-1.857E-02	-8.902E-03		2.027E 02	-5.661E-01	-2. 713E-01
•	345.3	9.979E-01	6.65	-1.840E-02		4.527E UZ	2.027E 02	-5.608E-01	-2.739F-01
•	345.4	9.969E-01	6.65	-1.7386-02	-8.885E-03	4.522E JA	2.028E 02	-5.298E-01	-2.708E-01
0.0	345.4	9.964E-01	99.9	-1.791E-02	-8.8336-03	4.520E 32	2.029E 02	-5.460E-01	-2.692E-01
•	345.3	96.	6.65	-1.882E-02	-9.0426-03	4.519E 02	2.027E 02	-5.7386-01	-2.756E-01
0.0	345.2	9.978E-01	6.65	-1.805E-02	-9.3966-03	4.526E JZ	2.026E 02	-5.502E-01	-2.864E-01

EXPERIMENTAL DATA

1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	RCDR	RUN	O SCL.	TENSIGN	LENG TH	GTH VELOCITY	ACCEL.	TENSTON	LENGTH	VELOCITY	ACCEL.
1975 1975	SEC	SEC	DEG	1.85	ı	FT/SEC	FT/SEC/SEC	GRAM	5	CM/SEC	CM/SEC/SEC
19.53 9.900 9.00	3.400	0.0	345-2	9.968E-01	6-62		0	521E	2.019F 02	-5.595E-01	-2.923E-0
19.55 9.968E	3.500	0.0	345.3	9.977E-01	19.9	-1.834E-02	-9.814E-03	526E	2.015E 02	-5.590E-01	
0.0 355.5 9.994E-01 6.44 1.1798E-02 9.768E-03 4.520E 02 2.028E 02 5.471E-01 -2 0.00 0.0 355.5 9.994E-01 6.45 1.1798E-02 9.750E 02 2.028E 02 5.471E-01 -2 0.00 0.0 355.5 9.994E-01 6.65 1.178E-02 9.751E 02 2.028E 02 5.279E-01 -2 0.00 0.0 355.5 9.997E-01 6.65 1.178E-02 9.751E 02 2.028E 02 5.279E-01 -2 0.00 0.0 355.5 9.997E-01 6.65 1.178E-02 9.751E 02 2.028E 02 5.279E-01 -2 0.00 0.0 355.5 9.997E-01 6.65 1.178E-02 9.751E 02 2.028E 02 5.279E-01 -2 0.0 0.0 355.5 9.997E-01 6.65 1.178E-02 9.751E 02 2.028E 02 5.279E-01 -2 0.0 0.0 355.5 9.997E-01 6.65 1.178E-02 9.752E 02 2.028E 02 5.279E-01 -2 0.0 0.0 355.5 9.997E-01 6.65 1.178E-02 9.752E 02 2.028E 02 5.279E-01 -2 0.0 0.0 355.5 9.997E-01 6.65 1.178E-02 9.752E 02 2.028E 02 5.279E-01 -2 0.0 0.0 355.5 9.997E-01 6.65 1.178E-02 9.752E 02 2.028E 02 5.279E-01 -2 0.0 0.0 355.5 9.997E-01 6.65 1.178E-02 9.752E 02 2.028E 02 5.279E-01 -2 0.0 0.0 355.5 9.997E-01 6.65 1.178E-02 9.752E 02 2.028E 02 5.279E-01 -2 0.0 0.0 355.5 9.998E-01 6.65 1.178E-02 9.752E 02 2.028E 02 5.279E-01 -2 0.0 0.0 355.5 9.998E-01 6.65 1.178E-02 9.752E 02 2.028E 02 5.279E-01 -2 0.0 0.0 355.5 9.998E-01 6.65 1.178E-02 9.752E 02 2.028E 02 5.279E-01 -2 0.0 0.0 355.5 9.998E-01 6.65 1.178E-02 9.752E 02 2.028E 02 5.279E-01 -2 0.0 0.0 355.5 9.998E-01 6.65 1.178E-02 9.752E 02 2.028E 02 5.279E-01 -2 0.0 0.0 355.5 9.998E-01 6.65 1.178E-02 9.752E 02 2.028E 02 5.279E-01 -2 0.0 0.0 355.5 9.998E-01 6.65 1.178E-02 9.752E 02 2.028E 02 5.279E-01 -2 0.0 0.0 355.5 9.998E-01 6.65 1.178E-02 9.752E 02 2.028E 02 5.279E-01 -2 0.0 0.0 355.5 9.998E-01 6.65 1.178E-02 9.758E 02 2.028E 02 5.279E-01 6.65 1.178E-02 9.758E 02 2.028E 02 5.279E-01 -2 0.0 0.0 355.5 9.998E-01 6.65 1.178E-02 9.758E 02 2.028E 02 5.279E-01 -2 0.0 0.0 355.5 9.998E-01 6.65 1.178E-02 9.758E 02 2.028E 02 5.279E-01 -2 0.0 0.0 355.5 9.998E-01 6.65 1.178E-02 9.758E 02 2.028E 02 5.279E-01 -2 0.0 0.0 355.5 9.998E-01 6.65 1.178E-02 9.758E 02 2.028E 02 5.279E-01 -2 0.0 0.0 0.0 355.5 9.998E-01 6.65 1.178E-02 9.758E 02 2.028E 02 5.279E-01 -2 0.0 0.0 0.0 355.5 9.998E-01 6.65 1.178E-	3.600	0.0	345.3	9.9688-01	6.63	-1.821E-02	-9.654E-03			-5.550E-01	
0.0 335.5 9.994-01 6.64 1.1788-02 8.778-03 4.518 0.2 2.026E 02 5.5488-01 -2.026 03 5.5	3.700	0.0	345.4	9.964E-01	9.9	-1.795E-02	-9.262E-03		877	-5.471E-01	
0.0 355.4 9.995E-01 6.65 1.778E-02 8.677E-03 4.51EE 02 2.026E 02 5.528E-01 -2.026E 03 5.5328E-01 -2.026E 03 5.538E-01 -2.026E 03 5.538E	3. 800	0.0	345.5	9.954E-01	9.00	-1.798E-02	-8.741E-03			-5.481E-01	-2.664E-01
0.0 355.4 9.971F-01 6.65 1.173E-02 8.621F-03 4.51E 02 2.025F 02 -5.404F-01 1.2 0.0 355.4 9.971F-01 6.65 1.173E-02 8.021F-03 4.51E 02 2.025F 02 -5.404F-01 1.2 0.0 355.4 9.971F-01 6.65 1.173E-02 8.021F-03 2.025F 02 -5.234F-01 1.2 0.0 355.3 9.972F-01 6.65 1.173E-02 8.021F-03 2.025F 02 2.523F-01 1.2 0.0 355.3 9.977F-01 6.65 1.173E-02 8.021F-03 2.025F 02 2.523F-01 1.2 0.0 355.3 9.977F-01 6.65 1.173E-02 8.021F-03 2.025F 02 2.523F-01 1.2 0.0 355.3 9.977F-01 6.65 1.173E-02 8.021F-03 2.027F 02 2.523F-01 1.2 0.0 355.3 9.977F-01 6.65 1.173E-02 8.021F-03 2.027F 02 2.523F-01 1.2 0.0 355.3 9.977F-01 6.65 1.173E-02 8.021F-03 2.027F 02 2.523F-01 1.2 0.0 355.3 9.977F-01 6.65 1.173E-02 9.025F-03 2.027F 02 2.523F-01 1.2 0.0 355.3 9.977F-01 6.65 1.173E-02 9.025F-03 2.027F 02 2.523F-01 1.2 0.0 355.3 9.977F-01 6.65 1.173E-02 9.025F-03 2.027F 02 2.523F-01 1.2 0.0 355.4 9.993F-01 6.65 1.173E-02 9.025F-03 2.027F 02 2.523F-01 1.2 0.0 355.4 9.993F-01 6.65 1.173E-02 9.025F-03 2.027F 02 2.027F 02 2.523F-01 1.2 0.0 355.4 9.993F-01 6.65 1.173E-02 9.025F-03 2.027F 02 2.523F-01 1.2 0.0 355.4 9.993F-01 6.65 1.173E-02 9.025F-03 1.22F-03 1.22F-03 1.2 0.0 355.4 9.993F-01 6.65 1.173E-02 9.025F-03 1.22F-03 1.22F-03 1.22F-03 1.2 0.0 355.4 9.993F-01 6.65 1.173E-02 9.02F-03 1.22F-03 1.22F-03 1.22F-03 1.22F-03 1.2 0.0 355.4 9.993F-01 6.65 1.1605F-02 9.03F-03 1.22F-03 1.22F-	3.900	0.0	345.4		6.65	-1.748E-02	-8.6796-03	\$17E	•	-5.329E-01	-2.645E-01
0.0 345.4 9.921E-01 6.665 1.177E-02 8.957E-03 4.515E 02 2.029E 02 -5.279E-01 -2.000 0.0 345.4 9.957E-01 6.665 1.177E-02 8.957E-03 4.515E 02 2.029E 02 -5.279E-01 -2.000 0.0 345.5 9.957E-01 6.655 1.177E-02 8.957E-03 4.515E 02 2.029E 02 -5.279E-01 -2.000 0.0 345.5 9.957E-01 6.657 1.177E-02 8.950E-03 4.515E 02 2.029E 02 -5.279E-01 -2.000 0.0 345.3 9.977E-01 6.657 1.177E-02 8.950E-03 4.521E 02 2.029E 02 -5.279E-01 -2.000 0.0 345.3 9.977E-01 6.659 1.177E-02 8.950E-03 4.527E 02 2.029E 02 -5.279E-01 -2.000 0.0 345.3 9.977E-01 6.659 1.177E-02 9.957E-03 6.2 2.029E 02 2.029E 02 -5.279E-01 -2.000 0.0 345.3 9.977E-01 6.659 1.177E-02 9.957E-03 6.2 2.029E 02 2.029E 02 -5.279E-01 -2.000 0.0 345.3 9.977E-03 6.659 1.177E-02 9.957E-03 6.2 2.029E 02 2.029E 02 -5.279E-01 -2.000 0.0 345.3 9.977E-03 6.659 1.177E-02 9.977E-03 6.977E-03 6.977E-03 6.977E-03 6.977E-03 6.977E-03 6.977E-03 6.977E-03 6.977E-03 6.977E-0	000	0.0	345.4	9-947E-01	. 6.65	-1.7346-02	-8.777E-03	512E	-	-5.286E-01	-2.675E-01
0.0 345.4 9.957E-01 6.66 -1.739E-02 8.950E-03 4.516E 0.2 2.028E 0.2 -5.390E-01	1.100	0.0	345.4	9.951E-01	69.9	-1.773E-02	-8.624E-03	311¢		-5.404E-01	-2.628E-01
0.0 345.4 9.982E-01 6.65 -1.738E-02 8.551E-03 4.515E 02 2.027E 02 -5.434E-01 -2.027E 03 9.952E-01 6.65 -1.778E-02 8.686E-03 4.515E 02 2.027E 02 -5.227E-01 -2.027E 03 9.952E-01 6.66 -1.778E-02 8.686E-03 4.527E 02 2.027E 02 -5.227E-01 -2.027E 03 9.952E-01 6.66 -1.778E-02 8.686E-03 4.527E 02 2.027E 02 -5.227E-01 -2.027E 03 9.952E-03 4.527E 02 2.027E 02 -5.237E-01 -2.027E 03 9.952E-03 4.527E 02 2.027E 02 -5.237E-03 4.527E-03 4.527E 02 2.027E 02 -5.237E-03 4.527E	.200	0.0	345.4	9.957E-01	99.9	-1.732E-02	-8.967E-03		300	-5.279E-01	-2.733E-01
0.0 345.3 9.992E-01 6.65 -1.714E-02 -8.552E-03 4.51E 02 2.035E 02 5.235E-01 -5.235E-01 -5.225E-01 -5.225E-03 -5	.300	0.0	345.4	9.962E-01	69.9	-1.739E-02	-8.921E-03		_	-5.300E-01	-2.719E-01
0.0 345.5 9497E-01 6.67 -1.778E-02 -8.008F-03 4.521E 0. 2.039E 02 5.207E-01 -5.207E-01	.400	0.0	345.3	9.952E-01	6.65	-1.783E-02	-8.352E-03			-5.434E-01	-2.546E-01
0.0 345.3 9.978E-01 6.66 -1.778E-02 9.650E-03 4.525 0.2 2.0296 02 5.529E-01 -2 0.055 0.0 2.0216 02 5.529E-01 -2 0.055 0.0 2.0216 02 5.529E-01 -2 0.055 0.0 2.0216 02 5.529E-01 -2 0.0 345.3 9.99E-01 6.63 1.775E-02 9.739E-03 4.526 02 2.0216 02 5.529E-01 -2 0.0 345.4 9.99E-01 6.63 1.775E-02 9.739E-03 4.526 02 2.0216 02 5.529E-01 -2 0.0 345.4 9.99E-01 6.64 1.775E-02 9.739E-03 4.526 02 2.0216 02 5.529E-01 -2 0.0 345.5 9.99E-01 6.64 1.775E-02 9.739E-03 4.526 02 2.0216 02 5.529E-01 -2 0.0 345.5 9.99E-01 6.64 1.775E-02 9.79E-03 4.526 02 2.0216 02 5.529E-01 -2 0.0 345.5 9.99E-01 6.64 1.775E-02 9.79E-03 4.526 02 2.0216 02 5.529E-01 -2 0.0 345.5 9.99E-01 6.64 1.775E-02 9.79E-03 4.526 02 2.0216 02 5.529E-01 -2 0.0 345.5 9.99E-01 6.64 1.775E-02 9.000E-03 4.526 02 2.0216 02 5.529E-01 -2 0.0 345.5 9.99E-01 6.64 1.775E-02 9.000E-03 4.526 02 2.0216 02 5.529E-01 -2 0.0 345.5 9.99E-01 6.64 1.775E-02 9.000E-03 4.526 02 2.0216 02 5.529E-01 -2 0.0 345.5 9.99E-01 6.64 1.000E-03 4.526 02 2.0216 02 5.39E-01 -2 0.0 345.5 9.99E-01 6.64 1.000E-03 4.526 02 2.0216 02 5.39E-01 -2 0.0 345.5 9.99E-01 6.64 1.000E-03 4.526 02 2.0216 02 5.39E-01 -2 0.0 345.5 9.99E-01 6.64 1.000E-03 4.526 02 2.0216 02 5.39E-01 -2 0.0 345.5 9.99E-01 6.64 1.000E-03 4.526 02 2.0216 02 5.39E-01 -2 0.0 345.5 9.99E-01 6.64 1.100E-02 9.000E-03 4.526 02 2.0216 02 5.39E-01 -2 0.0 345.3 9.99E-01 6.64 1.100E-02 9.000E-03 4.526 02 2.0216 02 5.39E-01 -2 0.0 345.3 9.99E-01 6.64 1.100E-02 9.000E-03 4.526 02 2.0216 02 5.39E-01 -2 0.0 345.3 9.99E-01 6.64 1.100E-02 9.000E-03 4.526 02 2.0216 02 5.39E-01 -2 0.0 345.3 9.99E-01 6.64 1.100E-02 9.000E-03 4.516 02 2.0216 02 5.39E-01 -2 0.0 345.4 9.99E-01 6.64 1.100E-02 9.000E-03 4.516 02 2.0216 02 5.000E-01 1.0 0.0 345.5 9.99E-01 6.64 1.100E-02 9.000E-03 4.516 02 2.0216 02 5.000E-01 1.0 0.0 345.5 9.99E-01 6.64 1.100E-02 9.000E-03 4.516 02 2.0216 02 5.000E-01 1.0 0.0 345.5 9.99E-01 6.64 1.100E-02 9.000E-03 4.516 02 5.000E-03 4.516 02 5.000E-03	. 500	0.0	345.5	9.947E-01	19.9	-1.7146-02	-8.869E-03			-5.22\$E-01	-2.703E-01
0.0 345.3 9.974E-01 6.66 -11.732E-02 4.527E 0.2 2.027E 0.2 5.229E-01 0.0 345.3 9.974E-01 6.66 -11.732E-02 4.525E-03 4.527E 0.2 2.027E 0.2 5.229E-01 0.0 345.4 9.98E-01 6.64 -1.732E-02 9.78E-03 4.52E 0.2 2.021E 0.2 5.28EE-01 0.0 345.4 9.99EE-01 6.64 -1.745E-02 9.78EE-03 4.52E 0.2 2.021E 0.2 5.28EE-01 0.0 345.4 9.99EE-01 6.64 -1.745E-02 9.78EE-03 4.52E 0.2 2.021E 0.2 5.28EE-01 0.0 345.4 9.99EE-01 6.64 -1.745E-02 9.78EE-03 4.52E 0.2 2.021E 0.2 5.28EE-01 0.0 345.4 9.99EE-01 6.64 -1.745E-02 9.78EE-03 4.52E 0.2 2.024E 0.2 5.28EE-01 0.0 345.4 9.99EE-01 6.64 -1.745E-02 9.741E-03 4.52E 0.2 2.024E 0.2 5.28EE-01 0.0 345.4 9.99EE-01 6.64 -1.745E-02 9.741E-03 4.52E 0.2 2.024E 0.2 5.18EE-01 0.0 345.4 9.99EE-01 6.64 -1.745E-02 9.741E-03 4.52E 0.2 2.024E 0.2 5.18EE-01 0.0 345.4 9.99EE-01 6.64 -1.68E-02 9.000E-03 4.52E 0.2 2.028E 0.2 5.18EE-01 0.0 345.4 9.99EE-01 6.64 -1.68E-02 9.000E-03 4.52E 0.2 2.028E 0.2 5.18EE-01 0.0 345.4 9.99EE-01 6.64 -1.68E-02 9.000E-03 4.52E 0.2 2.028E 0.2 5.18EE-01 0.0 345.4 9.99EE-01 6.64 -1.68E-02 9.000E-03 4.52E 0.2 2.028E 0.2 5.18EE-01 0.0 345.4 9.99EE-01 6.64 -1.68E-02 9.000E-03 4.52E 0.2 2.028E 0.2 5.04E-01 0.0 345.5 9.90EE-01 6.64 -1.68E-02 9.000E-03 4.52E 0.2 2.028E 0.2 5.04E-01 0.0 345.4 9.90EE-01 6.64 -1.68E-02 9.000E-03 4.52E 0.2 2.028E 0.2 5.04E-01 0.0 345.5 9.90EE-01 6.64 -1.68E-02 9.000E-03 4.52E 0.2 2.028E 0.2 5.04E-01 0.0 345.4 9.90EE-01 6.64 -1.68E-02 9.000E-03 4.52E 0.2 2.028E 0.2 5.04E-01 0.0 345.5 9.90EE-01 6.64 -1.68E-02 9.000E-03 4.52E 0.2 2.028E 0.2 5.04E-01 0.0 345.4 9.90EE-01 6.64 -1.68E-02 9.000E-03 4.52E 0.2 2.028E 0.2 5.04E-01 0.0 345.5 9.90EE-01 6.64 -1.68E-02 9.000E-03 4.52E 0.2 2.028E 0.2 5.04E-01 0.0 345.4 9.90EE-01 6.64 -1.68E-02 9.000E-03 4.51E 0.2 2.02E 0.2 5.04E-01 0.0 345.4 9.90EE-01 6.64 -1.68E-02 9.000E-03 4.51E 0.2 2.02E 0.2 5.04E-01 0.0 345.4 9.90EE-01 6.64 -1.68E-02 9.000E-03 4.51E 0.2 2.02E 0.2 5.04E-01 0.0 345.4 9.90EE-01 6.64 9.000E-03 4.51E 0.2 2.02E 0.2 5.04E-01 0.0 345.4 9.90EE-01 6.64 9.000E-03 4.51E 0.3 2.03E 0.3 5.04E-01 0.0 345.4 9.90EE-01 6.64 9.000	1.600	0.0	345.4	9.971E-01	9.0	-1.708E-02	-8.601E-03			-5.207E-01	
945.3 9.974.0.0 1 1.7222-02 9.5226.0 1 2.0226 02 5.2206 02 5.2306	. 100	0.0	345.3	9.9796-01	9.66	-1.737E-02	-8.669E-03			-5.293E-01	
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	7.800	0.0	345.5	-951E-	99.9		-	4.514F UZ	2.031F 02	-4-894F-01	-2-388F-01

EXPERIMENTAL DATA

SEC SEC NAME OF SE		B 6676777767766766	T ••••••••••••••••••••••••••••••••••••	F1/SEC 1.697E-02 1.698E-02 1.658E-02 1.658E-02 1.658E-02 1.597E-02 1.5	FT/SEC/SEC -8.326E-03 -9.252E-03 -9.320E-03	GRAM 4.514E 04	CM 2.030E 02	CM/SEC -5.172E-01	CN/SEC/SEC -2.538E-01
	မှ ကန္ကန္တလာလာနနစ္နစ္တာနှင့်နှံတို့လို့လို့လို့လို့လို့လို့လို့လို့လို့လ	9.958 - 01 9.965 - 01 9.965 - 01 9.972 - 01 9.972 - 01 9.972 - 01 9.972 - 01 9.976 - 01 9.976 - 01 9.968 - 01 9.968 - 01 9.968 - 01 9.968 - 01	4462645999999999999999999999999999999999	1.6976-02 1.698-02 1.698-02 1.676-02 1.756-02 1.5976-02 1.5976-02 1.5976-02 1.5976-02 1.5976-02 1.5976-02	-8.326E-03 -8.764E-03 -9.252E-03 -9.320E-03	4.514E 04		-5.172E-01	CN/SEC/SEC
	နေကနက္ခန္ဘာလလေနနန္နည္လန္နန္နန္န လ်လ်လ်လ်လ်လ်လ်လ်လ်လ်လ်လို့ လိုလ်လိုလ်လ်လ်လ်လ်လ်	9.953E-01 9.965E-01 9.962E-01 9.973E-01 9.972E-01 9.972E-01 9.962E-01 9.976E-01 9.968E-01 9.968E-01 9.968E-01		1.6976-02 1.6986-02 1.6586-02 1.6658-02 1.6658-02 1.5976-02 1.5976-02 1.5976-02 1.596-02 1.596-02	-8.326E-03 -9.754E-03 -9.320E-03 -9.873E-03	4.514E 04		-5.172E-01	-2.538E-0
	ကနကန္ဘေလလလန္နေရန္နာလန္နေနန လိလိလိလိလိလိလိလိလိလိလိလိလိလိလိလိလိလိလ	9.965E-01 9.962E-01 9.977E-01 9.977E-01 9.972E-01 9.962E-01 9.968E-01 9.968E-01 9.968E-01 9.968E-01 9.968E-01	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1.698E-02 1.676E-02 1.765E-02 1.765E-02 1.606E-02 1.597E-02 1.597E-02 1.597E-02 1.597E-02 1.597E-02 1.599E-02	-8.764E-03 -9.252E-03 -9.320E-03	4. 8206 02			-
	နေကန္နေလတ္လာနန္နန္နည္တန္နန္နန္န လ်လိတ်လိတ်လိတ်လိတ်လိတ်လိတ်လိတ်လိတ်လိတ်လိ	9.962E-01 9.973E-01 9.977E-01 9.972E-01 9.962E-01 9.968E-01 9.968E-01 9.968E-01 9.968E-01 9.968E-01	000000000000000000000000000000000000000	1.676E-02 1.726E-02 1.566E-02 1.597E-02 1.597E-02 1.597E-02 1.599E-02 1.599E-02 1.599E-02	-9.252E-03	- JUL 100		-5.175F-01	-2.671F-0
	က ခုခု လာ လာ လာ ခု ခု ခု ခု ခု လာ လာ မွ ခု ခု ခု ခု လူ လီ လီ လီ လီ လီ လီ လီ လို လို လို လို လို လို လို လို လို	9.973E-01 9.977E-01 9.972E-01 9.962E-01 9.963E-01 9.976E-01 9.968E-01 9.968E-01 9.968E-01	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1.665E-02 1.726E-02 1.697E-02 1.597E-02 1.593E-02 1.593E-02 1.599E-02 1.599E-02	-9.320E-03	4.5196 02		-5.108E-01	-2.820E-01
	နေနသလာသနနန္နန္နည္သည္ မိန္နန္နန္ လ်က်လ်လ်လ်လ်လ်လ်လ်လ်လ်လ်လ်လ်လ်လ်လ်လ်	9.9776-01 9.9726-01 9.9626-01 9.9626-01 9.9766-01 9.9766-01 9.9666-01 9.9666-01	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1.726-02 1.606-02 1.5976-02 1.5976-02 1.5976-02 1.5976-02 1.596-02 1.596-02 1.6066-02	-9.873E-03	4.524E 02	2.018E 02	-5.074F-01	-2.841F-0
	နေသလလနနနနနန လေလနနနနနန လိုလ်လိုလ်လိုလ်လိုလိုလိုလိုလိုလိုလို	9.972E-01 9.972E-01 9.962E-01 9.963E-01 9.976E-01 9.968E-01 9.968E-01 9.962E-01 9.952E-01		1.5976-02 1.5976-02 1.5976-02 1.5976-02 1.5976-02 1.5976-02 1.5996-02 1.6066-02		4.525F WZ		-5.26.F-01	-3-009F-0
	ကေလးက တစ္စစ္စက္က လိုက္ကိုကို လိုကို	9.972E-01 9.962E-01 9.976E-01 9.977E-01 9.968E-01 9.968E-01 9.968E-01 9.965E-01	230303030303	1.5976-02 -1.5976-02 -1.5936-02 -1.5946-02 -1.5996-02 -1.6046-02	-8.7876-03	4.523E 02		-4-896F-01	-2.678F-0
	လေးက ခုခုခုချက ခုခုခုခုခု ကြိုက်ကို ကိုကို ကို ကို ကို ကို ကို ကို ကို က	9.962E-01 9.962E-01 9.976E-01 9.976E-01 9.968E-01 9.968E-01 9.968E-01	200000000000000000000000000000000000000	1.5976-02 1.5936-02 1.5946-02 1.5996-02 1.6046-02	-8-4376-03	4 431E 02		4 9405-01	-2 6736-0
	ရှိနှင့် မေရာက အချောင်း မေရာက ကြို့သို့ ကို ကို ကို ကို ကို ကို ကို ကို	9.963E-01 9.976E-01 9.976E-01 9.968E-01 9.966E-01 9.965E-01	3 3 5 3 5 3 5 3 5 3 5 5 5 5 5 5 5 5 5 5	-1.593E-02 -1.594E-02 -1.596E-02 -1.604E-02 -1.604E-02	2406.03			10-3090 4	2 4736-01
	က တစ္စစ္စစ္စစ္စစ္စစ္ ကို ကို ကို ကို ကို ကို ကို ကို ကို ကို	9.976E-01 9.977E-01 9.968E-01 9.968E-01 9.962E-01 9.973E-01		1.5446-02 -1.5446-02 -1.5996-02 -1.6046-02	50-3001-0-		20 3020.5	10-3600-4-	0-3710-7-
	* * * * * * * * * * * * * * * * * * *	9.9776-01 9.9776-01 9.968-01 9.962-01 9.962-01 9.952-01		-1.537E-02 -1.544E-02 -1.599E-02 -1.604E-02	-8.5100-03	4.519E 02		-4.856E-01	-2.596t-U
	နေသန်သည် မှန်နှန်နှင့် ကိုကိုကိုကိုကိုကိုကိုကိုကိုကိုကို	9.977E-01 9.969E-01 9.962E-01 9.962E-01 9.965E-01 9.973E-01		-1.544E-02 -1.599E-02 -1.604E-02 -1.641E-02	-8.4766-03			-4.685E-01	-2. 705E-0
	ခန္ဓဏ္ဌာနနန္နန္ ကိုလိုလိုက္လိုက္လိုက္ကိုက်	9.969E-01 9.968E-01 9.962E-01 9.973E-01	33735	-1.599E-02 -1.604E-02 -1.641E-02	-8.3036-03	4.525E 02	2.032E 02	-4.705E-01	-2.531E-0
	*****	9.968E-01 9.962E-01 9.965E-01 9.973E-01	35.35	-1.604E-02 -1.641E-02	-8.3036-03	4.522E J2		-4.875E-01	-2.531E-0
	***********	9.962E-01 9.965E-01 9.973E-01	6.65	-1-641E-02	-8.597E-03	4.521E 02		-4.889E-01	-2.621E-0
	0.00000000 0.44444	9.965E-01 9.973E-01 9.975E-01	6.66	-1-401F-02	-7-8196-03	4.519E 02		-5.000E-01	-2.383E-0
00000000	****	9.973E-01 9.975E-01	6.65		-8.293E-03	4.520E 02	2.030E 02	-4.881E-01	-2.528E-01
0000000	****			-1-6165-02	-8-0006-03	6.526E 42	300	-4.927F-01	-2.467E-01
000000	****	я.	49.9	-1.404E-02	-A-000F-03	4.526F uz		-4. 894E-01	-2.466E-01
	***	0-9776-01	***	-1 4306-03	- S48E-03	4. \$34E m3	2 0346 02	-4 640E-01	-2 404E-0
	4.6			4676-03	- 0000 o	4 6246 00		10 2000	2 7276 0
	5.4		600	20-3160-1-	60-300-03	20 2476 4		10-3160-6-	73161-7-
	1.0		50.0	20-20-01	60-3100-0-	100	30	10-3700-1-	-2.610E-0
•				10.3995-06	-4-0336-03	4.56.6E UC		10-3660-	-2.93 (E-0
•	2.5		0.03	-1.30 re-02	-6-6336-03	4.511E UZ		10-36/10-	-2.692E-01
•	2.0	•	8:	-1.5185-02	-8-2625-03	4.515E UZ		10-3070-6-	-2.50re-0
•	0.0		0.00	-1.5656-06	-8-1436-03	4.516E UZ	2.030E 02	10-3249-6-	-2-482E-01
0.0	2.0	10-3646-6	10.0	-1-4815-02	-1.7966-03	4.513E 02		-4.913E-01	-2.376E-0
0.0	45.5		3:	-1.5536-02	-1.7736-03	4.514E 02		-4. 734E-01	-2.369E-0
•	2.5		19.9	-1.596E-02	-7.953E-03	4.509E 02	33	-4.865E-01	-2.424E-01
•	5.5	146	9.00	-1.615E-02	-7.642E-03	4.512E 04		-4.924E-01	-2.329E-0
•	5.5	~	99.9	-1.594E-02	-8.372E-03		2.031E 02	-4.858E-01	-2.552E-0
0.0	5.5	9.938E-01	9.9	-1.622E-02	-8.038E-03	4.508E 02	97	-4.945E-01	-2.450E-0
0.0	345.6	9.935E-01	99.9	-1.643E-02	-7.878E-03	4.506E U2		-5.009E-01	-2.401E-0
0.0	45.5	9.945E-01	9.00	-1.682E-02	-7.986E-03	4.511E 02	2.030E 02	-5.127E-01	-2.434E-01
0.0	12.4	9.955E-01	9.0	-1.620E-02	-8.391E-03	4.516E 02	2.030E 02	-4.938E-01	-2.558E-01
0.0	45.4		99.9	-1.748E-02	-8.368E-03	4.515E 02	2.029E 02	-5.327E-01	-2.551E-01
0.0	345.4	9.964E-01	6.65	-1.699E-02	-8.830E-03	4.520E u2	2.026E 02	-5-178E-01	-2.691E-01
0.0	45.4		***	-1.726E-02	-8.872E-03			-5.262E-01	-2.704E-01
0.0	5.5	9.957E-01	49.9	-1.708E-02	-9.373E-03			-5.206E-01	-2.857E-0
•	5.5	956E-	6.65	-1.713E-02	-8-421E-03	4.516E 02		-5-220E-01	-2.567E-0
0.0	345.5	-	99.9	-1.655E-02	-8.257E-03	SITE		-5.043E-01	-2.517F-0
0.0	345.6	9.953F-01	6.67	-1-606E-02	-8.4716-03		2.0326 02	-4.894F-01	-2.567E-01
0.0	345.4	9.9636-01	14.4	-1.656F-02	-7-976F-03			-5.04AF-01	-2.431F-01
0.0	5.5	9.9646-01	4.67	-1.688E-02	-7.AAIF-03			-5.145F-01	-2. 396F-0
		F		4246-02	7 4136-03	2 4146		- DEDE -01	-2 330E-0
		2000		4416-02	-8 0316-03	A. 616E	2 0326 02	-6.0646-01	-2 44 BE-0
0.0	34.5	200	4.67	• -	-8-277E-03	4. 518F 02		4. 9435-01	-2.5.73E-01
		26.76		20-3250-1	50-3113-0-	20101	20 3250.0	10-3646	20005

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EXPERIMENTAL DATA

The color The					ENGLI	ENGLISH UNITS			NETRIC UNITS	WITS	
Color Colo	TINE TIME	T A E	OSCL.	TENSION	LENGTH	VEL OC 1 TV	ACCEL.	TENSI CN	LENGTH	VELOCITY	ACCEL.
1.00 1.45.5 9.90 0.00 0.10 0.00 0.10 0.00 0.10 0.00 0.10 0.00 0.10 0.00 0.10 0.00 0.10	SEC	SEC	DEG		H	FT/SEC	FT/SEC/SEC	GRAM	5	CM/SEC	CM/SEC/SEC
0.0 345.5 9,048.01 0.66 -1,7106.02 -8,1216.03 -4,5196 0.2 -2,0216.02 -5,2316.01 0.0 345.4 9,078.01 0.0 345.4 9,078.01 0.0 345.4 9,078.01 0.0 345.4 9,078.01 0.0 345.4 9,078.01 0.0 345.4 9,078.01 0.0 345.4 9,078.01 0.0 345.4 9,078.01 0.0 345.5 9,086.01 0.0 345.5 9,086.01 0.0 345.5 9,086.01 0.0 345.5 9,086.01 0.0 345.5 9,086.01 0.0 345.6 0.0 345.5 0.0 345.6 0.0 345.5 0.0 345.6 0.0 345	12.600	0.0	345.5	970	6.68	-1.707E-02	-7.210E-03			-5.202£-01	-2.198E-
1955 9.9582-01 6.67 11.766-02 6.916-03 4.5516 12 2.0226 02 5.5386-01 1955 9.9782-01 6.64 11.776-02 6.956-03 4.5516 12 2.0246 02 5.5486-01 1955 9.9782-01 6.64 11.776-02 6.956-03 4.5516 12 2.0246 02 5.5486-01 1955 9.9782-01 6.64 11.776-02 6.956-03 4.5516 12 2.0246 02 5.5486-01 1955 9.9782-01 6.64 11.776-02 6.956-03 4.5516 12 2.0246 02 5.5486-01 1955 9.9782-01 6.64 11.776-02 6.956-03 4.5516 12 2.0246 02 5.5486-01 1955 9.9782-01 6.64 11.776-02 6.9560 12 2.0266 02 5.5486-01 1955 9.9782-01 6.64 11.776-02 6.9560 12 2.0266 02 5.5486-01 1955 9.9782-01 6.64 11.776-02 6.9560 12 2.0266 02 5.5486-01 1955 9.9952-01 6.64 11.776-02 7.5560 02 2.0266 02 5.5486-01 1955 9.9952-01 6.64 11.776-02 7.5560 02 2.0266 02 5.5486-01 1955 9.9952-01 6.64 11.776-02 7.5960 02 2.0266 02 5.5486-01 1955 9.9952-01 6.64 11.776-02 7.5960 03 5.516 02 5.0266 03 5.516 1955 9.9952-01 6.64 11.776-02 7.5960 03 5.516 02 5.0266 03 5.516 1955 9.9952-01 6.64 11.776-02 7.5960 03 5.516 03 5.516 03 5.516 1955 9.9952-01 6.64 11.776-02 7.5960 03 5.516 03 5.516 03 5.516 03 1955 9.9952-01 6.64 11.776-02 7.5960 03 5.516 03 5.516 03 5.516 03 1955 9.9952-01 6.65 11.776-02 7.5960 03 5.516	12.700	0.0	345.5	963	99.9	-1.710E-02	-8.1236-03	4.519E 02		-5.211E-01	-2.476E-
0.00 0.45.4 0.778E-01 0.46. -1.782E-02 0.455E 0.2 2.024E 02 -5.555E 0.2 0.204E 0.2 0.204E 0.2 -5.555E 0.2 0.204E 0.2 -5.555E 0.2 0.204E 0.2 -5.555E 0.2 0.204E 0.2 -5.555E	15.800	0.0	345.5	N	6.67	-1.766E-02	-8.015E-03	4.519E J2		-5.384E-01	-2.443E-01
0.0 345.4 9.9922E-01 6.64 -1.779E-02 -0.458E-03 4.531E 0.2 2.024E 02 -5.421E-01 0.0 0.0 345.5 9.992E-01 6.64 -1.779E-02 -0.459EE 0.2 2.024E 02 2.024E 02 -5.474E-01 0.0 0.0 345.5 9.992E-01 6.64 -1.779E-02 -0.4592E 0.2 2.024E 0.2 2.0	12.900	0.0	345.4	- 3Z	99.9	-1.822E-02	-8.594E-03	4.523E J2		-5.55E-01	-2.620E-
0.0 345.3 9.909E-01 6.64 -1.73EE-02 -8.75EE-03 4.51E 0.2 2.024E 02 5.579EE-01 0.0 345.3 9.908E-01 0.0 4.775E-02 -8.549E-03 4.52E 0.2 2.024E 02 5.579EE-01 0.0 345.5 9.908E-01 0.0 4.52E 0.2 2.024E 0.2 2.024E 0.2 5.579EE-01 0.0 345.5 9.908E-01 0.0 4.508E 0.2 2.037E 0.2 2.030E 0.2 5.540EE-01 0.0 345.5 9.908E-01 0.0 4.508E-02 -8.42EE-03 4.51E 0.2 2.037E 0.2 5.540EE-01 0.0 345.5 9.908E-01 0.0 4.508E-02 -7.549EE-03 4.51E 0.2 2.037E 0.2 5.540EE-01 0.0 345.5 9.908E-01 0.0 4.57EE-02 -7.549EE-03 4.51E 0.2 2.037E 0.2 5.540EE-01 0.0 345.5 9.908E-01 0.0 4.57EE-02 -7.549EE-03 4.51E 0.2 2.037E 0.2 5.540EE-01 0.0 345.5 9.908E-01 0.0 4.57EE-03 4.51E 0.2 2.037E 0.2 5.540EE-01 0.0 345.5 9.908E-01 0.0 4.54EE-03 4.51E 0.2 2.037E 0.2 5.540EE-01 0.0 345.5 9.908E-01 0.0 4.54EE-03 4.51E 0.2 2.037E 0.2 5.540EE-01 0.0 345.5 9.908E-01 0.0 4.54EE-03 4.51E 0.2 2.037E 0.2 5.540EE-01 0.0 345.5 9.908E-01 0.0 4.54EE-03 4.51E 0.2 2.037E 0.2 5.540EE-01 0.0 345.5 9.908E-01 0.0 4.54EE-03 4.51E 0.2 2.037E 0.2 5.540EE-01 0.0 4.54EE-03 4.51E 0.2 2.037E 0.2 5.540EE-01 0.0 345.5 9.908E-01 0.0 4.54EE-03 4.51E 0.2 2.037E 0.2 5.540EE-01 0.0 345.5 9.908E-01 0.0 4.54EE-03 4.51E 0.2 2.037E 0.2 5.540EE-01 0.0 345.5 9.908E-01 0.0 4.54EE-03 4.51E 0.2 2.037E 0.2 5.540EE-01 0.0 345.5 9.908E-01 0.0 4.54EE-03 4.51E 0.2 2.037E 0.2 5.540E-01 0.0 345.5 9.908E-01 0.0 4.54EE-03 4.51E 0.2 2.037E 0.2 5.540E-01 0.0 345.5 9.908E-01 0.0 4.54EE-03 4.51E 0.2 2.037E 0.2 5.540E-01 0.0 345.5 9.908E-01 0.0 4.54EE-03 4.51E 0.2 2.034E 0.2 5.540E-01 0.0 345.5 9.908E-01 0.0 4.54EE-03 4.51E 0.2 2.034E 0.2 5.540E-01 0.0 345.5 9.908E-01 0.0 4.54EE-03 4.51E 0.2 2.034E 0.2 5.540E-01 0.0 345.5 9.908E-01 0.0 4.54EE-03 4.51E 0.2 2.034E 0.2 5.540E-01 0.0 345.5 9.908E-01 0.0 4.54EE-03 4.51E 0.2 2.034E 0.2 5.540E-01 0.0 345.5 9.908E-01 0.0 4.54EE-03 4.51E 0.2 2.034E 0.2 5.540E-01 0.0 345.5 9.908E-01 0	13.000	0.0	345.4	- 3Z	99.9	-1.779E-02	-8.454E-03			-9.421E-01	-2.577E-
0.0 345.5 9,966E-01 6.64 -1.706E-02 -8.506E-03 4.522E 0. 2 2.026E 02 5.5476E-01 0.0 345.5 9,96E-01 6.64 -1.706E-02 -8.546E-03 4.522E 0. 2 2.026E 02 5.5406E-01 0.0 345.5 9,96E-01 6.66 1.620E-02 -8.546E-03 4.551E 0. 2 2.026E 02 5.5406E-01 0.0 345.5 9,96E-01 6.66 1.620E-02 -7.59E-03 4.551E 0. 2 2.026E 02 5.540E-01 0.0 345.5 9,96E-01 6.67 1.638E-02 7.756E-03 4.551E 0. 2 2.036E 02 5.547E-01 0.0 345.5 9,96E-01 6.67 1.638E-02 7.756E-03 4.551E 0. 2 2.036E 02 5.547E-01 0.0 345.5 9,995E-01 6.67 1.708E-02 7.756E-03 4.551E 0. 2 2.035E 02 5.547E-01 0.0 345.5 9,995E-01 6.66 1.708E-02 7.756E-03 4.551E 0. 2 2.035E 02 5.547E-01 0.0 345.5 9,995E-01 6.66 1.708E-02 7.756E-03 4.551E 0. 2 2.035E 02 5.547E-01 0.0 345.5 9,995E-01 6.66 1.708E-02 7.756E-03 4.551E 0. 2 2.035E 02 5.547E-01 0.0 345.5 9,995E-01 6.66 1.708E-02 7.756E-03 4.551E 0. 2 2.035E 02 5.547E-01 0.0 345.5 9,995E-01 6.66 1.708E-02 7.756E-03 4.551E 0. 2 2.035E 02 5.547E-01 0.0 345.5 9,995E-01 6.66 1.708E-02 7.756E-03 4.551E 0. 2 2.035E 02 5.547E-01 0.0 345.5 9,995E-01 6.66 1.708E-02 7.756E-03 4.551E 0. 2 2.035E 02 5.547E-01 0.0 345.5 9,995E-01 6.66 1.708E-02 7.756E-03 4.551E 0. 2 2.035E 02 5.546E-01 0.0 345.5 9,995E-01 6.66 1.708E-02 7.756E-03 4.551E 0. 2 2.035E 02 5.546E-01 0.0 345.5 9,995E-01 6.66 1.776E-02 7.756E-03 4.551E 0. 2 2.035E 02 5.546E-01 0.0 345.5 9,995E-01 6.66 1.776E-02 7.756E-03 4.551E 0. 2 2.035E 02 5.546E-01 0.0 345.5 9,995E-01 6.67 1.776E-02 7.756E-03 4.551E 0. 2 2.035E 02 5.546E-01 0.0 345.5 9,995E-01 6.67 1.776E-02 7.756E-03 4.551E 0. 2 2.035E 02 5.546E-01 0.0 345.5 9,995E-01 6.67 1.776E-02 7.756E-03 4.551E 0. 2 2.035E 02 5.546E-01 0.0 345.5 9,995E-01 6.67 1.776E-02 7.756E-03 4.551E 0. 2 2.035E 02 5.546E-01 0.0 345.5 9,995E-01 6.67 1.776E-03 4.551E 0. 2 2.035E 02 5.546E-01 0.0 345.5 9,995E-01 6.67 1.776E-02 7.776E-03 4.551E 0. 2 2.035E 02 5.546E-01 0.0 345.5 9,995E-01 6.67 1.776E-02 7.776E-03 4.551E 0. 2 2.035E 02 5.546E-01 0.0 345.5 9,995E-01 6.67 1.776E-02 7.776E-03 4.551E 0. 2 2.035E 02 5.546E-01 0.0 345.5 9,995E-01 6.67 1.776E-02 7.776E-03 4.551E	13.100	0.0	345.3	-36	6.64	-1.835E-02	-8.758E-03			-5.593E-01	-2.669E-
0.0 345.5 9,976C-01 6.66 1.1372E-02 -8.138C-03 4.555E UZ 2.030E UZ 2.9400E-01 0.0 345.5 9,976C-01 6.66 1.1603E-02 -8.138C-03 4.515E UZ 2.030E UZ 2.9400E-01 0.0 345.5 9,996C-01 6.66 1.1603E-02 -7.564C-03 4.515E UZ 2.037E UZ 2.037E UZ 2.949CE-01 0.0 345.5 9,996C-01 6.67 1.161E-02 -7.596C-03 4.516E UZ 2.037E UZ 2.037E UZ 2.949CE-01 0.0 345.5 9,996C-01 6.67 1.161E-02 -7.798C-03 4.516E UZ 2.037E UZ 2.037E UZ 2.949CE-01 0.0 345.5 9,995C-01 6.67 1.161E-02 -7.798C-03 4.516E UZ 2.037E UZ 2.949CE-01 0.0 345.5 9,995C-01 6.67 1.176E-02 -7.798C-03 4.516E UZ 2.037E UZ 2.949CE-01 0.0 345.5 9,995C-01 6.67 1.176E-02 -7.798C-03 4.516E UZ 2.037E UZ 2.037E UZ 2.949CE-01 0.0 345.5 9,995C-01 6.66 1.176E-02 -7.798C-03 4.516E UZ 2.037E UZ 2.949CE-01 0.0 345.5 9,995C-01 6.66 1.176E-02 -7.798C-03 4.516E UZ 2.037E UZ 2.949CE-01 0.0 345.5 9,995C-01 6.66 1.176E-02 -7.798C-03 4.516E UZ 2.037E UZ 2.949CE-01 0.0 4.549C-03 4.516E UZ 2.037E UZ 2.037E UZ 2.949CE-01 0.0 345.5 9,995C-01 0.0 4.549C-03 4.516E UZ 2.037E UZ 2.037E UZ 2.949CE-01 0.0 345.5 9,995C-01 0.0 4.549C-03 4.516E UZ 2.037E UZ 2.037E UZ 2.949CE-01 0.0 4.549CE-03 4.516E UZ 2.037E UZ 2.037E UZ 2.949CE-01 0.0 4.549CE-03 4.516E UZ 2.037E UZ 2.037E UZ 2.949CE-01 0.0 4.549CE-03 4.516E UZ 2.037E UZ 2.037E UZ 2.949CE-01 0.0 4.549CE-03 4.516E UZ 2.037E UZ 2.037E UZ 2.949CE-01 0.0 4.549CE-03 4.516E UZ 2.037E UZ 2.037E UZ 2.949CE-01 0.0 4.549CE-03 4.516E UZ 2.037E UZ 2.037E UZ 2.949CE-01 0.0 4.549CE-03 4.516E UZ 2.037E UZ 2.037E UZ 2.949CE-01 0.0 4.549CE-03 4.516E UZ 2.037E UZ 2.037E UZ 2.949CE-01 0.0 4.549CE-03 4.546CE-03 4.54	13.200	0.0	345.5	-38	***	-1.796E-02	-8.509E-03			-5.474E-01	-2. 594E-
0.0 345.5 9.954E-01 6.66 -1.603E-02 -8.428E-03 4.518E 02 2.02E 02 4.513E-01 0.0 0.0 345.5 9.964E-01 6.66 -1.603E-02 -7.564E-03 4.591E 02 2.02E 02 4.513E-01 0.0 0.0 345.5 9.964E-01 6.67 -1.603E-02 -7.594E-03 4.591E 02 2.032E 02 4.591E-01 0.0 0.0 345.5 9.994E-01 6.67 -1.613E-02 -7.594E-03 4.591E 02 2.033E 02 4.591E-01 0.0 0.0 345.5 9.994E-01 6.67 -1.703E-02 -7.594E-03 4.591E 02 2.033E 02 4.591E-01 0.0 0.0 345.5 9.994E-01 6.68 -1.703E-02 -7.594E-03 4.591E 02 2.033E 02 4.591E-01 0.0 0.0 345.5 9.994E-01 6.68 -1.703E-02 -7.594E-03 4.591E 02 2.033E 02 4.591E-01 0.0 0.0 345.5 9.994E-01 6.68 -1.703E-02 -7.594E-03 4.591E 02 2.033E 02 4.591E-01 0.0 0.0 345.5 9.994E-01 6.68 -1.703E-02 -7.594E-03 4.591E 02 2.033E 02 4.591E-01 0.0 0.0 345.5 9.994E-01 6.68 -1.703E-02 -7.594E-03 4.591E 02 2.033E 02 4.591E-01 0.0 0.0 345.5 9.994E-01 6.68 -1.703E-02 -7.594E-03 4.591E 02 2.033E 02 4.591E-01 0.0 0.0 345.5 9.994E-01 6.68 -1.703E-02 -7.594E-03 4.591E 02 2.033E 02 4.591E-01 0.0 0.0 345.5 9.994E-01 6.68 -1.703E-02 -7.594E-03 4.591E 02 2.033E 02 4.594E-01 0.0 0.0 345.5 9.994E-01 6.68 -1.703E-02 -7.591E 02 2.033E 02 4.594E-01 0.0 0.0 345.5 9.994E-01 6.69 -1.703E-02 -7.591E 02 2.033E 02 4.594E-01 0.0 0.0 345.5 9.994E-01 6.69 -1.703E-02 -7.591E 02 2.033E 02 4.594E-01 0.0 0.0 345.5 9.994E-01 6.69 -1.703E-02 -7.591E 02 2.033E 02 4.594E-01 0.0 0.0 345.5 9.994E-01 6.69 -1.703E-02 -7.591E 02 2.033E 02 4.594E-01 0.0 0.0 345.5 9.994E-01 6.69 -1.703E-02 -7.591E 02 2.033E 02 4.594E-01 0.0 0.0 345.5 9.994E-01 6.69 -1.703E-02 -7.591E 02 2.033E 02 4.594E-01 0.0 0.0 345.5 9.994E-01 6.69 -1.703E-02 -7.703E-03 4.551E 02 2.033E 02 4.594E-01 0.0 0.0 345.5 9.994E-01 6.69 -1.703E-02 -7.503E-03 4.551E 02 2.033E 02 4.594E-01 0.0 0.0 345.5 9.994E-01 6.69 -1.703E-02 -7.503E-03 4.551E 02 2.033E 02 4.594E-01 0.0 0.0 345.5 9.994E-01 6.69 -1.703E-02 -7.503E-03 4.551E 02 2.033E 02 4.594E-01 0.0 0.0 345.5 9.994E-01 6.69 -1.703E-02 -7.503E-03 4.551E 02 2.033E 02 4.594E-01 0.0 0.0 345.5 9.994E-01 6.69 -1.703E-03 4.551E 02 2.033E 02 4.594E-01 0.0 0.0 345.5 9.994E-01 6.6	13.300	0.0	345.5	÷	6.65	-1.772E-02	-8.5456-03			-5.400E-01	-2.605E-0
0.0 345.5 9.901e-01 6.66 -1.655e-02 -7.564e-03 4.518E 0.2 2.037E 02 -4.997e-01 0.0 345.5 9.901e-01 6.66 -1.655e-02 -7.564e-03 4.518E 0.2 2.037E 02 -5.076e-01 0.0 345.5 9.901e-01 6.67 -1.641e-02 -7.599e-03 4.518E 0.2 2.037E 02 -5.076e-01 0.0 345.5 9.991e-01 6.67 -1.789e-02 -7.789e-03 4.518E 0.2 2.032E 02 -5.071e-01 0.0 345.5 9.991e-01 6.67 -1.789e-02 -7.787e-03 4.518E 0.2 2.032E 02 -5.071e-01 0.0 345.5 9.992e-01 6.66 -1.732e-02 -7.787e-03 4.518E 0.2 2.035E 02 -5.071e-01 0.0 345.5 9.992e-01 6.66 -1.732e-02 -7.787e-03 4.518E 0.2 2.035E 02 -5.071e-01 0.0 345.5 9.992e-01 6.66 -1.732e-02 -7.781e-03 4.518E 0.2 2.035E 02 -5.071e-01 0.0 345.5 9.992e-01 6.66 -1.732e-02 -7.781e-03 4.518E 0.2 2.035E 02 -5.071e-01 0.0 345.5 9.992e-01 6.66 -1.732e-02 -7.781e-03 4.518E 0.2 2.035E 02 -5.031e-01 0.0 345.5 9.992e-01 6.66 -1.732e-02 -7.781e-03 4.518E 0.2 2.035E 02 -5.031e-01 0.0 345.5 9.993e-01 6.66 -1.732e-02 -7.781e-03 4.518E 0.2 2.035E 02 -5.031e-01 0.0 345.5 9.993e-01 6.66 -1.732e-02 -7.781e-03 4.518E 0.2 2.035E 02 -5.031e-01 0.0 345.5 9.993e-01 6.67 -1.732e-02 -7.781e-03 4.518E 0.2 2.035E 02 -5.031e-01 0.0 345.5 9.993e-01 6.67 -1.733e-02 -7.781e-03 4.518E 0.2 2.035E 02 -5.031e-01 0.0 345.5 9.993e-01 6.67 -1.734e-02 -7.781e-03 4.518E 0.2 2.035E 02 -5.031e-01 0.0 345.5 9.993e-01 6.67 -1.734e-02 -7.781e-03 4.518E 0.2 2.035E 02 -5.037e-01 0.0 345.5 9.993e-01 6.67 -1.746e-02 -7.781e-03 4.518E 0.2 2.035E 02 -5.037e-01 0.0 345.5 9.993e-01 6.67 -1.746e-02 -7.781e-03 4.518E 0.2 2.035E 02 -5.037e-01 0.0 345.5 9.994e-01 6.67 -1.746e-02 -7.781e-03 4.518E 0.2 2.035E 02 -5.037e-01 0.0 345.5 9.994e-01 6.67 -1.746e-02 -7.781e-03 4.518E 0.2 2.035E 02 -5.037e-01 0.0 345.5 9.994e-01 6.67 -1.746e-02 -7.781e-03 4.518E 0.2 2.035E 02 -5.037e-01 0.0 345.5 9.994e-01 6.67 -1.746e-03 4.518E 0.2 2.035E 02 -5.037e-01 0.0 345.5 9.994e-01 6.67 -1.747e-03 4.528E 0.2 2.035E 02 -5.037e-01 0.0 345.5 9.994e-01 6.67 -1.747e-03 4.528E 0.2 2.035E 02 -5.037e-01 0.0 345.5 9.994e-01 6.67 -1.747e-03 4.528E 0.2 2.035E 02 -5.037e-02 -5.037e-02 -5.037e-02 -5.037e-02 -5.	13.400	0.0	345.6	-	99.9	-1.683E-02	-8.139E-03			-9.130E-01	-2.481E-
0.0 345.6 9,990E-01 6.64 1.638E-02 7.738E-03 4.518E 02 2.032E 02 4.932E-01 0.0 345.6 9,990E-01 6.67 1.638E-02 7.739E-03 4.518E 02 2.032E 02 4.932E-01 0.0 345.5 9,990E-01 6.67 1.638E-02 7.739E-03 4.518E 02 2.032E 02 4.932E-01 0.0 345.5 9,993E-01 6.68 1.706E-02 7.731E-03 4.518E 02 2.032E 02 5.701E-02 0.0 345.5 9,993E-01 6.68 1.706E-02 7.731E-03 4.518E 02 2.033E 02 5.701E-02 0.0 345.5 9,993E-01 6.68 1.706E-02 7.731E-03 4.518E 02 2.035E 02 5.701E-02 0.0 345.5 9,993E-01 6.68 1.706E-02 7.731E-03 4.518E 02 2.035E 02 5.701E-02 0.0 345.5 9,993E-01 6.68 1.705E-02 7.731E-03 4.518E 02 2.035E 02 5.701E-02 0.0 345.5 9,993E-01 6.68 1.705E-02 7.790E-03 4.518E 02 2.035E 02 5.701E-02 0.0 345.5 9,993E-01 6.68 1.705E-02 7.790E-03 4.518E 02 2.035E 02 5.701E-02 0.0 345.5 9,993E-01 6.68 1.705E-02 7.790E-03 4.518E 02 2.035E 02 5.701E-02 0.0 345.6 9,993E-01 6.69 1.733E-02 1.734E-03 4.518E 02 2.035E 02 5.743E-01 6.69 1.734E-02 1.706E-02 1.790E-03 4.518E 02 2.035E 02 5.743E-01 6.69 1.734E-02 1.790E-03 4.518E 02 2.035E 02 5.743E-01 6.69 1.734E-02 1.790E-03 4.518E 02 2.035E 02 5.743E-01 6.69 1.770E-03 4.518E 02 2.035E 02 5.739E-01 6.69 1.770E-03 4.528E 02 5	13-500	0.0	345.5		99 -9	-1.620E-02	-8.424E-03	381S		-4.937E-01	-2.568E-0
0.0 345.5 9.9966-01 6.67 -1.6418-02 -7.7938-03 4.5118 04 2.0328 02 -5.0016-01 0.0 345.5 9.9966-01 6.67 -1.6418-02 -7.7938-03 4.5118 04 2.0328 02 -5.0318-01 0.0 345.5 9.9958-01 6.67 -1.6418-02 -7.7938-03 4.5168 04 2.0328 02 -5.0318-01 0.0 345.5 9.9958-01 6.68 -1.6418-02 -7.7938-03 4.5168 02 2.0358 02 -5.0318-01 0.0 345.5 9.9958-01 6.68 -1.7328-02 -7.7918-03 4.5118 04 2.0358 02 -5.0318-01 0.0 345.5 9.9958-01 6.68 -1.7328-02 -7.7918-03 4.5118 02 2.0358 02 -5.0318-01 0.0 345.5 9.9958-01 6.68 -1.7328-02 -7.7918-03 4.5118 02 2.0358 02 -5.1318-01 0.0 345.4 9.9958-01 6.68 -1.7328-02 -7.7918-03 4.5118 02 2.0358 02 -5.1318-01 0.0 345.4 9.9958-01 6.68 -1.77328-02 -7.7918-03 4.5118 02 2.0258 02 -5.1318-01 0.0 345.4 9.9958-01 6.68 -1.77328-02 -8.9968-03 4.5118 02 2.0258 02 -5.4368-01 0.0 345.4 9.9958-01 6.68 -1.77328-02 -8.9968-03 4.5118 02 2.0258 02 -5.4368-01 0.0 345.4 9.9958-01 6.68 -1.77328-02 -8.9968-03 4.5118 02 2.0258 02 -5.4368-01 0.0 345.4 9.9958-01 6.68 -1.77328-02 -8.9968-03 4.5118 02 2.0258 02 -5.4368-01 0.0 345.5 9.9958-01 6.68 -1.77328-02 -8.9528-03 4.5118 02 2.0258 02 -5.4368-01 0.0 345.5 9.9958-01 6.68 -1.77388-02 -7.75328-03 4.5118 02 2.0358 02 -5.4368-01 0.0 345.5 9.9968-01 6.69 -1.77388-02 -7.75328-03 4.5118 02 2.0358 02 -5.4368-01 0.0 345.5 9.9968-01 6.69 -1.77388-02 -7.75328-03 4.5118 02 2.0358 02 -5.1368-01 0.0 345.5 9.9968-01 6.69 -1.77388-02 -7.75328-03 4.5118 02 2.0358 02 -5.1368-01 0.0 345.5 9.9968-01 6.69 -1.77388-02 -7.75328-03 4.5268 02 2.0358 02 -5.1368-01 0.0 345.5 9.9968-01 6.69 -1.77388-03 4.5288 02 2.0358 02 -5.1368-01 0.0 345.5 9.9968-01 6.69 -1.77388-03 4.5288 02 2.0258 02 -5.1368-01 0.0 345.5 9.9968-01 6.69 -1.7768-02 -0.0988-03 4.5288 02 2.0358 02 -5.1368-01 0.0 345.5 9.9968-01 6.69 -1.7768-02 -0.0988-03 4.5288 02 2.0358 02 -5.1368-01 0.0 345.5 9.9968-01 6.69 -1.7768-02 -0.0988-02 -5.1368 02 -5.1368-01 0.0 345.5 9.9968-01 6.69 -1.7768-02 -0.0988-02 -5.1368 02 -5.1368-01 0.0 345.5 9.9968-01 6.69 -1.7768-02 -0.0988-02 -5.1368-02 -5.1368-02 -5.1368-02 -5.1368-02 -5.1368-02 -5.1368-02 -5.13	13.600	0.0	345.6		99-9	-1.665E-02	-7.564E-03			-5.076E-01	-2.305E-
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0.0 345.5 9.95E-01 6.66 -1.666E-02 7.876E-03 4.516E 02 2.035E 02 -5.114E-01 0.0 345.5 9.95E-01 6.66 -1.666E-02 7.715E-03 4.510E 02 2.035E 02 -5.114E-01 0.0 345.5 9.945E-01 6.66 -1.736E-02 7.731E-03 4.510E 02 2.035E 02 -5.109E-01 0.0 345.5 9.945E-01 6.66 -1.736E-02 7.731E-03 4.510E 02 2.035E 02 -5.109E-01 0.0 345.4 9.945E-01 6.66 -1.738E-02 7.731E-03 4.510E 02 2.035E 02 -5.109E-01 0.0 345.4 9.945E-01 6.66 -1.738E-02 -7.301E-03 4.510E 02 2.035E 02 -5.310E-01 0.0 345.4 9.945E-01 6.66 -1.738E-02 -8.049E-03 4.510E 02 2.025E 02 -5.431E-01 0.0 345.5 9.95E-01 6.65 -1.738E-02 -8.049E-03 4.510E 02 2.025E 02 -5.431E-01 0.0 345.5 9.95E-01 6.65 -1.738E-02 -8.049E-03 4.510E 02 2.025E 02 -5.431E-01 0.0 345.5 9.95E-01 6.65 -1.738E-02 -8.049E-03 4.510E 02 2.025E 02 -5.431E-01 0.0 345.5 9.940E-01 6.65 -1.738E-02 -8.040E-03 4.510E 02 2.025E 02 -5.431E-01 0.0 345.5 9.940E-01 6.65 -1.738E-02 -7.032E-03 4.510E 02 2.025E 02 -5.431E-01 0.0 345.5 9.940E-01 6.67 -1.738E-02 -7.032E-03 4.510E 02 2.025E 02 -5.231E-01 0.0 345.5 9.940E-01 6.67 -1.738E-02 -7.032E-03 4.510E 02 2.034E 02 -5.231E-01 0.0 345.5 9.960E-01 6.67 -1.738E-02 -7.737E-03 4.510E 02 2.034E 02 -5.231E-01 0.0 345.5 9.960E-01 6.67 -1.730E-02 -7.737E-03 4.510E 02 2.034E 02 -5.234E-01 0.0 345.5 9.960E-01 6.67 -1.730E-02 -7.737E-03 4.510E 02 2.034E 02 -5.234E-01 0.0 345.5 9.960E-01 6.60 -1.730E-02 -7.037E-03 4.510E 02 2.034E 02 -5.234E-01 0.0 345.4 9.960E-01 6.60 -1.730E-02 -7.037E-03 4.510E 02 2.034E 02 -5.234E-01 0.0 345.4 9.960E-01 6.60 -1.730E-02 -7.037E-03 4.520E 02 2.034E 02 -5.234E-01 0.0 345.4 9.960E-01 6.60 -1.730E-02 -7.037E-03 4.520E 02 2.034E 02 -5.234E-01 0.0 345.4 9.960E-01 6.60 -1.730E-02 -7.037E-03 -7.037E-	13.900	0.0	345.5	9-9576-01	6.67	-1.718E-02	-7.9306-03			-5.235E-01	-2.417E-
0.0 345.6 9.948E-01 6.66 -1.1666E-02 7.796E-03 4.510E 0.2 2.035E 0.2 -5.107E-01 0.0 345.5 9.948E-01 6.66 -1.732E-02 7.796E-03 4.510E 0.2 2.035E 0.2 -5.109E-01 0.0 345.5 9.948E-01 6.66 -1.732E-02 7.796E-03 4.510E 0.2 2.035E 0.2 -5.109E-01 0.0 345.4 9.948E-01 6.66 -1.732E-02 7.796E-03 4.510E 0.2 2.035E 0.2 -5.109E-01 0.0 345.4 9.948E-01 6.64 -1.786E-02 8.810E-03 4.510E 0.2 2.025E 0.2 -5.109E-01 0.0 345.4 9.948E-01 6.64 -1.786E-02 8.810E-03 4.510E 0.2 2.025E 0.2 -5.109E-01 0.0 345.5 9.948E-01 6.64 -1.786E-02 7.832E-03 4.510E 0.2 2.025E 0.2 -5.109E-01 0.0 345.5 9.948E-01 6.64 -1.786E-02 7.832E-03 4.510E 0.2 2.026E 0.2 -5.109E-01 0.0 345.5 9.948E-01 6.64 -1.786E-02 7.832E-03 4.510E 0.2 2.026E 0.2 -5.109E-01 0.0 345.5 9.948E-01 6.64 -1.786E-02 7.832E-03 4.510E 0.2 2.026E 0.2 -5.109E-01 0.0 345.5 9.948E-01 6.64 -1.786E-02 7.832E-03 4.510E 0.2 2.021E 0.2 -5.109E-01 0.0 345.5 9.948E-01 6.64 -1.786E-02 7.832E-03 4.510E 0.2 2.031E 0.2 -5.109E-01 0.0 345.5 9.948E-01 6.67 -1.731E-02 7.711E-03 4.510E 0.2 2.031E 0.2 2.031E 0.2 5.109E-01 0.0 345.5 9.948E-01 6.64 -1.731E-02 7.771E-03 4.510E 0.2 2.031E 0.2 5.109E-01 0.0 345.5 9.948E-01 6.64 -1.731E-02 7.7979E-03 4.510E 0.2 2.031E 0.2 5.109E-01 0.0 345.5 9.948E-01 6.64 -1.731E-02 7.7979E-03 4.510E 0.2 2.031E 0.2 5.109E-01 0.0 345.5 9.948E-01 6.64 -1.731E-02 7.7479E-03 4.520E 0.2 2.031E 0.2 5.230E-01 0.0 345.5 9.948E-01 6.64 -1.731E-02 7.7479E-03 4.520E 0.2 2.031E 0.2 5.230E-01 0.0 345.4 9.940E-01 6.64 -1.731E-02 7.7479E-03 4.520E 0.2 2.031E 0.2 5.230E-01 0.0 345.4 9.940E-01 6.64 -1.731E-02 7.7479E-03 4.520E 0.2 2.031E 0.2 5.330E-01 0.0 345.4 9.940E-01 6.64 -1.731E-02 7.7479E-03 4.520E 0.2 2.031E 0.2 5.330E-01 0.0 345.4 9.940E-01 6.64 -1.731E-02 7.7479E-03 4.520E 0.2 2.031E 0.2 5.330E-01 0.0 345.4 9.940E-01 6.64 -1.731E-02 7.7479E-03 4.520E 0.2 2.031E 0.2 5.330E-01 0.0 345.4 9.940E-01 6.64 -1.731E-02 7.7479E-03 4.520E 0.2 2.031E 0.2 5.034E-01 0.0 345.5 9.940E-01 6.64 -1.730E-02 7.7479E-03 4.510E 0.2 2.031E 0.2 5.034E-01 0.0 345.5 9.940E-01 6.64 -1.730E-02 7.7479E-03 4.510E 0.2 5.0	000-+1	0.0	345.5	9.95 IE-01	6.67	-1.678E-02	-7.874E-03			-5.1146-01	-2. 400E-
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0.0 345.5 9.952E-01 6.66 -1.73E-02 -7.88LE-03 4.51LE 02 2.030E 02 -5.280E-01 0.0 345.5 9.945E-01 6.66 -1.73E-02 -7.990E-03 4.51LE 02 2.032E 02 -5.31ZE-01 0.0 345.4 9.947E-01 6.66 -1.73E-02 -8.699E-03 4.51LE 02 2.022E 02 -5.31ZE-01 0.0 345.4 9.947E-01 6.66 -1.73E-02 -8.699E-03 4.51LE 02 2.022E 02 -5.34ZE-01 0.0 345.5 9.949E-01 6.65 -1.73E-02 -8.81DE-03 4.51LE 02 2.022E 02 -5.34ZE-01 0.0 345.5 9.995E-01 6.66 -1.73E-02 -8.81DE-03 4.51LE 02 2.02ZE 02 -5.34ZE-01 0.0 345.5 9.995E-01 6.66 -1.73E-02 -8.82ZE-03 4.51LE 02 2.02ZE 02 -5.34ZE-01 0.0 345.5 9.995E-01 6.66 -1.73E-02 -7.85ZE-03 4.51LE 02 2.03ZE 02 -5.23ZE 01 0.0 345.5 9.995E-01 6.66 -1.73E-02 -7.85ZE-03 4.51LE 02 2.03ZE 02 -5.23ZE 01 0.0 345.5 9.995E-01 6.67 -1.73E-02 -7.85ZE-03 4.51LE 02 2.03ZE 02 -5.23ZE 01 0.0 345.5 9.995E-01 6.67 -1.73E-02 -7.78ZE-03 4.51LE 02 2.03ZE 02 -5.23ZE-01 0.0 345.5 9.995E-01 6.67 -1.73E-02 -7.78ZE-03 4.51LE 02 2.03ZE 02 -5.23ZE-01 0.0 345.5 9.995E-01 6.67 -1.73E-02 -7.78ZE-03 4.51LE 02 2.03ZE 02 -5.23ZE-01 0.0 345.5 9.995E-01 6.68 -1.73ZE-02 -7.78ZE-03 4.51LE 02 2.03ZE 02 -5.23ZE-01 0.0 345.5 9.995E-01 6.68 -1.73ZE-02 -7.78ZE-03 4.51LE 02 2.03ZE 02 -5.23ZE-01 0.0 345.5 9.995E-01 6.68 -1.73ZE-02 -7.78ZE-03 4.51LE 02 2.03ZE 02 -5.23ZE-01 0.0 345.4 9.995E-01 6.68 -1.73ZE-02 -7.78ZE-03 4.51LE 02 2.03ZE 02 -5.23ZE-01 0.0 345.4 9.995E-01 6.68 -1.73ZE-02 -7.78ZE-03 4.52ZE 02 2.03ZE 02 -5.23ZE-01 0.0 345.4 9.995E-01 6.68 -1.73ZE-02 -7.78ZE-03 4.52ZE 02 2.03ZE 02 -5.23ZE-01 0.0 345.4 9.995E-01 6.68 -1.73ZE-02 -7.78ZE-03 4.52ZE 02 2.03ZE 02 -5.23ZE-01 0.0 345.4 9.995E-01 6.68 -1.73ZE-02 -7.78ZE-03 4.52ZE 02 2.03ZE 02 -5.23ZE-01 0.0 345.4 9.995E-01 6.68 -1.73ZE-02 -7.78ZE-03 4.52ZE 02 2.03ZE 02 -5.23ZE-01 0.0 345.4 9.995E-01 6.68 -1.73ZE-02 -7.78ZE-03 4.52ZE 02 2.03ZE 02 -5.23ZE-01 0.0 345.4 9.995E-01 6.68 -1.73ZE-02 -7.78ZE-03 2.03ZE 02 2.03ZE 02 -5.23ZE-01 0.0 345.4 9.995E-01 6.68 -1.73ZE-02 -7.78ZE-03 2.03ZE 02 2.03ZE 02 -5.23ZE-01 0.0 345.4 9.995E-01 6.67 -1.75ZE-02 -7.78ZE-03 2.03ZE 02 2.03ZE 02 -5.23ZE-01 0.0 345.4 9.995E-01 6.0 4.75ZE-	14-200	0.0	345.5	1	99.9	-1-106E-02	-7.371E-03			-5.198E-01	-2.247E-
0.0 345.5 9.945E-01 6.66 -1.745E-02 -7.960E-03 4.51E 02 2.030E 02 -5.451E-01 0.0 345.4 9.945E-01 6.66 -1.745E-02 -8.969E-03 4.51E 02 2.025E 02 -5.45E-01 0.0 345.4 9.945E-01 6.66 -1.776E-02 -8.964E-03 4.51E 02 2.025E 02 -5.44E-01 0.0 345.4 9.945E-01 6.64 -1.776E-02 -8.964E-03 4.51E 02 2.025E 02 -5.44E-01 0.0 345.5 9.995E-01 6.64 -1.776E-02 -8.964E-03 4.51E 02 2.027E 02 -5.44E-01 0.0 345.5 9.995E-01 6.64 -1.776E-02 -7.85E-03 4.51E 02 2.027E 02 -5.44E-01 0.0 345.5 9.995E-01 6.64 -1.776E-02 -7.85E-03 4.51E 02 2.027E 02 -5.44E-01 0.0 345.5 9.995E-01 6.64 -1.776E-02 -7.85EE-03 4.51E 02 2.037E 02 -5.44E-01 0.0 345.5 9.995E-01 6.64 -1.776E-02 -7.85E-03 4.51E 02 2.037E 02 -5.731E-01 0.0 345.5 9.995E-01 6.64 -1.776E-02 -7.771E-03 4.51E 02 2.037E 02 -5.722E-01 0.0 345.5 9.995E-01 6.64 -1.776E-02 -8.025E-03 4.51E 02 2.034E 02 -5.222E-01 0.0 345.5 9.995E-01 6.64 -1.776E-02 -8.025E-03 4.51E 02 2.034E 02 -5.222E-01 0.0 345.5 9.995E-01 6.64 -1.776E-02 -8.025E-03 4.51E 02 2.034E 02 -5.222E-01 0.0 345.5 9.996E-01 6.64 -1.776E-02 -7.777E-03 4.51E 02 2.035E 02 -5.235E-01 0.0 345.5 9.996E-01 6.64 -1.776E-02 -7.777E-03 4.51E 02 2.035E 02 -5.236E-01 0.0 345.5 9.996E-01 6.64 -1.776E-02 -7.777E-03 4.52E 02 2.035E 02 -5.236E-01 0.0 345.4 9.996E-01 6.64 -1.776E-02 -7.797E-03 4.52E 02 2.035E 02 -5.236E-01 0.0 345.4 9.996E-01 6.64 -1.776E-02 -7.797E-03 4.52E 02 2.035E 02 -5.236E-01 0.0 345.4 9.996E-01 6.64 -1.776E-02 -7.797E-03 4.52E 02 2.035E 02 -5.236E-01 0.0 345.4 9.996E-01 6.65 -1.776E-02 -7.787E-03 4.52E 02 2.035E 02 -5.356E-01 0.0 345.4 9.996E-01 6.65 -1.776E-02 -8.037E-03 4.52E 02 2.035E 02 -5.356E-01 0.0 345.4 9.996E-01 6.65 -1.776E-02 -8.037E-03 4.52E 02 2.035E 02 -5.356E-01 0.0 345.4 9.996E-01 6.65 -1.776E-02 -8.037E-03 4.52E 02 2.035E 02 -5.356E-01 0.0 345.4 9.996E-01 6.65 -1.776E-02 -8.037E-03 4.52E 02 2.035E 02 -5.356E-01 0.0 345.4 9.996E-01 6.65 -1.776E-02 -8.037E-03 2.035E 02 -5.356E-01 0.0 345.4 9.996E-01 6.67 -1.656E-02 -5.356E-02 2.035E 02 -5.356E-01 0.0 345.5 9.996E-01 6.0 345.6 9.0 2.0 325E 02 -3.526E-01 0.0 345.5 9.996	14-300	0.0	345.5	1	99.9	-1.732E-02	-7.881E-03	234		-5.280E-01	-2.402E-
0.0 345.4 9.947E-01 6.66 -1.788E-02 -8.699E-03 4.512E UZ 2.025E 02 -5451E-01 0.0 345.4 9.957E-01 6.64 -1.784E-02 -8.946E-03 4.513E UZ 2.025E 02 -5436E-01 0.0 345.5 9.958E-01 6.64 -1.786E-02 -8.946E-03 4.513E UZ 2.025E 02 -5.446E-01 0.0 345.5 9.948E-01 6.64 -1.786E-02 -7.852E-03 4.515E UZ 2.025E 02 -5.446E-01 0.0 345.5 9.948E-01 6.64 -1.786E-02 -7.852E-03 4.515E UZ 2.021E 02 2.021E 02 -5.231E-01 0.0 345.5 9.948E-01 6.67 -1.778E-02 -7.852E-03 4.515E UZ 2.031E 02 -5.231E-01 0.0 345.5 9.948E-01 6.67 -1.778E-02 -7.852E-03 4.515E UZ 2.031E 02 -5.231E-01 0.0 345.5 9.951E-01 6.67 -1.778E-02 -7.7852E-03 4.51E UZ 2.031E 02 -5.231E-01 0.0 345.6 9.951E-01 6.67 -1.778E-02 -7.7852E-03 4.51E UZ 2.034E 02 -5.231E-01 0.0 345.6 9.961E-01 6.67 -1.778E-02 -7.7852E-03 4.51E UZ 2.034E 02 -5.231E-01 0.0 345.6 9.961E-01 6.67 -1.778E-02 -7.787E-03 4.51E UZ 2.035E UZ 2.035E UZ 2.222E-01 0.0 345.5 9.961E-01 6.69 -1.786E-02 -7.977E-03 4.51E UZ 2.035E UZ 2.035E UZ 2.2371E-01 0.0 345.5 9.961E-01 6.69 -1.731E-02 -7.977E-03 4.51E UZ 2.035E UZ 2.2371E-01 0.0 345.6 9.961E-01 6.69 -1.731E-02 -7.0976E-03 4.51E UZ 2.035E UZ 2.2371E-01 0.0 345.4 9.961E-01 6.69 -1.731E-02 -7.0976E-03 4.51E UZ 2.035E UZ 2.2371E-01 0.0 345.4 9.961E-01 6.69 -1.731E-02 -7.0976E-03 4.526 UZ 2.035E UZ 2.2371E-01 0.0 345.4 9.961E-01 6.69 -1.761E-02 -7.0976E-03 4.526 UZ 2.036E UZ 2.2371E-01 0.0 345.4 9.961E-01 6.69 -1.761E-02 -7.0976E-03 4.526 UZ 2.036E UZ 2.0371E-01 0.0 345.4 9.961E-01 6.69 -1.761E-02 -7.0976E-03 4.521E UZ 2.0371E UZ	14-400	0.0	345.5	9.945E-01	99.9	-1.7436-02	-7.960E-03	777		-5.312E-01	-2.426E-
0.0 345.4 9.949E-01 6.64 -1.734-02 -0.810E-03 4.513E 0.2 2.025E 02 -5.436E-01 0.0 345.5 9.950E-01 6.65 -1.753E-02 4.513E 0.2 2.025E 02 -5.436E-01 0.0 345.5 9.950E-01 6.65 -1.753E-02 4.513E 0.2 2.025E 02 -5.436E-01 0.0 345.5 9.950E-01 6.65 -1.766E-02 4.515E 0.2 2.027E 0.2 2.024E 0.2 -5.426E-01 0.0 345.5 9.940E-01 6.65 -1.674E-02 7.852E-03 4.512E 0.2 2.037E 0.2 -5.426E-01 0.0 345.5 9.940E-01 6.67 -1.674E-02 7.852E-03 4.512E 0.2 2.034E 0.2 -5.426E-01 0.0 345.5 9.940E-01 6.67 -1.674E-02 7.852E-03 4.512E 0.2 2.034E 0.2 -5.101E-01 0.0 345.5 9.940E-01 6.67 -1.674E-02 7.852E-03 4.512E 0.2 2.034E 0.2 2.034E 0.2 -5.101E-01 0.0 345.5 9.940E-01 6.67 -1.736E-02 7.771E-03 4.510E 0.2 2.034E 0.2 -5.136E-01 0.0 345.5 9.940E-01 6.68 -1.666E-02 7.977E-03 4.510E 0.2 2.034E 0.2 -5.136E-01 0.0 345.5 9.940E-01 6.68 -1.736E-02 7.777E-03 4.510E 0.2 2.035E 0.2 -5.136E-01 0.0 345.5 9.940E-01 6.68 -1.736E-02 7.777E-03 4.510E 0.2 2.035E 0.2 -5.136E-01 0.0 345.5 9.940E-01 6.68 -1.730E-02 7.777E-03 4.510E 0.2 2.035E 0.2 -5.136E-01 0.0 345.5 9.940E-01 6.68 -1.730E-02 7.757E-03 4.510E 0.2 2.035E 0.2 -5.136E-01 0.0 345.4 9.940E-01 6.68 -1.730E-02 7.039E-03 4.510E 0.2 2.035E 0.2 -5.136E-01 0.0 345.4 9.940E-01 6.68 -1.730E-02 7.039E-03 4.510E 0.2 2.035E 0.2 -5.136E-01 0.0 345.4 9.940E-01 6.68 -1.730E-02 7.039E-03 4.520E 0.2 2.035E 0.2 -5.350E-01 0.0 345.4 9.940E-01 6.68 -1.730E-02 7.039E-03 4.520E 0.2 2.039E 0.2 -5.350E-01 0.0 345.4 9.940E-01 6.68 -1.730E-03 4.520E 0.2 2.039E 0.2 -5.040E-01 0.0 345.5 9.940E-01 6.69 -1.039E-03 4.520E 0.2 2.039E 0.2 -5.040E-01 0.0 345.5 9.940E-01 6.69 -1.039E-03 4.510E 0.2 2.039E 0.2 -5.040E-01 0.0 345.5 9.940E-01 6.67 -1.057E-02 -0.339E-03 4.510E 0.2 2.039E 0.2 -5.040E-01 0.0 345.5 9.940E-01 6.67 -1.057E-02 -0.339E-03 4.510E 0.2 2.039E 0.2 -5.040E-01 0.0 345.5 9.940E-01 6.67 -1.057E-02 -0.339E-03 4.510E 0.2 2.039E 0.2 -5.040E-01 0.0 345.6 9.940E-01 6.67 -1.057E-02 -0.339E-03 4.510E 0.2 2.039E 0.2 -5.040E-01 0.0 345.6 9.940E-01 6.67 -1.057E-02 -0.339E-03 4.510E 0.2 2.039E 0.2 -5.040E-01 0.0 345.6 9.940E-01 0.0 345.	14.500	0.0	345.4	9.94 TE-01	99.9	-1.788E-02	-8.699E-03			-5.451E-01	-2.651E-
0.0 345.4 9.958E-01 6.65 -1.753E-02 -0.964E-03 4.515E 0.2 2.026E 02 5.346E-01 0.0 345.5 9.958E-01 6.65 -1.756E-02 7.852E-03 4.515E 0.2 2.027E 02 5.231E-01 0.0 345.5 9.948E-01 6.65 -1.716E-02 7.852E-03 4.515E 0.2 2.027E 02 5.231E-01 0.0 345.5 9.948E-01 6.65 -1.716E-02 7.852E-03 4.515E 0.2 2.021E 02 5.231E-01 0.0 345.5 9.948E-01 6.67 -1.716E-02 7.852E-03 4.516E 0.2 2.031E 02 5.270E-01 0.0 345.5 9.948E-01 6.67 -1.718E-02 7.852E-03 4.516E 0.2 2.034E 02 5.270E-01 0.0 345.5 9.948E-01 6.67 -1.718E-02 7.711E-03 4.516E 0.2 2.034E 02 5.222E-01 0.0 345.5 9.961E-01 6.67 -1.718E-02 7.7711E-03 4.516E 0.2 2.034E 02 5.222E-01 0.0 345.5 9.961E-01 6.67 -1.718E-02 7.7711E-03 4.516E 0.2 2.034E 02 5.222E-01 0.0 345.5 9.961E-01 6.67 -1.718E-02 7.9771E-03 4.516E 0.2 2.034E 02 5.222E-01 0.0 345.5 9.961E-01 6.68 -1.736E-02 7.9771E-03 4.516E 0.2 2.034E 02 5.2371E-01 0.0 345.5 9.961E-01 6.68 -1.736E-02 7.6771E-03 4.516E 0.2 2.034E 0.2 5.2371E-01 0.0 345.5 9.961E-01 6.68 -1.731E-02 7.6771E-03 4.521E 0.2 2.034E 0.2 5.2371E-01 0.0 345.5 9.961E-01 6.68 -1.731E-02 7.6371E-03 4.521E 0.2 2.034E 0.2 5.2371E-01 0.0 345.4 9.961E-01 6.68 -1.731E-02 7.6371E-03 4.521E 0.2 2.034E 0.2 5.2371E-01 0.0 345.4 9.961E-01 6.68 -1.731E-02 7.6371E-03 4.521E 0.2 2.034E 0.2 5.3571E-01 0.0 345.4 9.961E-01 6.68 -1.751E-02 7.6371E-02 7.5371E-01 0.0 345.4 9.961E-01 6.68 -1.751E-02 7.6371E-02 7.5371E-01 0.0 345.4 9.961E-01 6.68 -1.751E-02 7.6371E-02 7.6371E-01 0.0 345.4 9.961E-01 6.67 -1.751E-02 7.7471E-02 7.5371E-01 0.0 345.5 9.961E-01 6.67 -1.751E-02 7.7471E-03 4.571E 0.2 2.034E 0.2 5.0341E-01 0.0 345.5 9.961E-01 6.67 -1.751E-02 7.7471E-03 4.571E 0.2 2.034E 0.2 5.0341E-01 0.0 345.5 9.961E-01 6.67 -1.751E-02 7.7471E-03 4.571E 0.2 2.034E 0.2 5.0341E-01 0.0 345.5 9.961E-01 0.0 345.5 9.961E-01 0.0 345.6 0.2 5.0341E-01 0.0 34	14-600	0.0	345.4	1	\$.0	-1.784E-02	-8.810E-03			-5.4366-01	-2.685E-
0.0 345.5 9.950E-01 6.64 -1.780E-02 -6.823E-03 4.515E 02 2.024E 02 -5.426E-01 0.0 345.6 9.950E-01 6.65 -1.716E-02 -7.852E-03 4.515E 02 2.027E 02 -5.231E-01 0.0 345.5 9.950E-01 6.65 -1.674E-02 -7.852E-03 4.512E 02 2.031E 02 -5.231E-01 0.0 345.5 9.950E-01 6.67 -1.674E-02 -7.852E-03 4.512E 02 2.031E 02 -5.231E-01 0.0 345.5 9.950E-01 6.67 -1.674E-02 -8.051E-03 4.516E 02 2.034E 02 -5.210E-01 0.0 345.5 9.950E-01 6.67 -1.739E-02 -7.711E-03 4.516 02 2.034E 02 -5.210E-01 0.0 345.5 9.950E-01 6.67 -1.739E-02 -7.711E-03 4.516 02 2.035E 02 -5.239E-01 0.0 345.5 9.950E-01 6.67 -1.736E-02 -7.771E-03 4.516 02 2.035E 02 -5.239E-01 0.0 345.5 9.950E-01 6.67 -1.736E-02 -7.577E-03 4.516 02 2.035E 02 -5.239E-01 0.0 345.5 9.950E-01 6.68 -1.736E-02 -7.637E-03 4.516 02 2.035E 02 -5.239E-01 0.0 345.5 9.950E-01 6.68 -1.736E-02 -7.637E-03 4.521E 02 2.035E 02 -5.239E-01 0.0 345.4 9.978E-01 6.68 -1.736E-02 -7.633E-03 4.521E 02 2.035E 02 -5.236E-01 0.0 345.4 9.978E-01 6.64 -1.736E-02 -7.633E-03 4.521E 02 2.035E 02 -5.236E-01 0.0 345.4 9.950E-01 6.66 -1.757E-02 -7.633E-03 4.521E 02 2.029E 02 -5.236E-01 0.0 345.4 9.950E-01 6.65 -1.757E-02 -7.633E-03 4.521E 02 2.029E 02 -5.356E-01 0.0 345.4 9.950E-01 6.65 -1.757E-02 -7.633E-03 4.521E 02 2.029E 02 -5.356E-01 0.0 345.4 9.950E-01 6.65 -1.757E-02 -8.951E 02 2.029E 02 -5.356E-01 0.0 345.4 9.950E-01 6.65 -1.757E-02 -8.951E 02 2.029E 02 -5.356E-01 0.0 345.4 9.950E-01 6.65 -1.757E-02 -8.951E 02 2.029E 02 -5.356E-01 0.0 345.5 9.960E-01 6.65 -1.757E-02 -8.951E 02 2.029E 02 -5.356E-01 0.0 345.5 9.960E-01 6.65 -1.757E-02 -8.951E 02 2.029E 02 -5.356E-01 0.0 345.5 9.960E-01 6.65 -1.757E-02 -8.951E 02 2.029E 02 -5.356E-01 0.0 345.5 9.960E-01 6.65 -1.757E-02 -8.951E 02 2.029E 02 -5.355E-01 0.0 345.5 9.960E-01 6.65 -1.757E-02 -8.951E 02 2.029E 02 -5.029E-01 0.0 345.5 9.960E-01 6.65 -1.757E-02 -8.951E 02 2.039E 02 -5.024E-01 0.0 345.5 9.960E-01 6.65 -1.757E-02 -8.951E 02 2.039E 02 -5.024E-01 0.0 345.5 9.960E-01 6.65 -1.757E-02 -7.390E-03 4.511E 02 2.034E 02 -5.034E-01 0.0 345.5 9.960E-01 6.67 -1.707E-02 -7.390E-0	4-100	0.0	345.4	1	6.65	-1.7536-02	-8.964E-03	517E		-5.3446-01	-2.732E-
0.0 345.6 9.953E-01 6.66 -1.716E-02 7.852E-03 4.515E 0.2 2.027E 02 -5.271E-01 0.0 345.5 9.948E-01 6.66 -1.674E-02 7.852E-03 4.515E 0.2 2.031E 02 5.142E-01 0.0 345.5 9.948E-01 6.67 -1.739E-02 7.511E-03 4.516E 0.2 2.034E 02 5.270E-01 0.0 345.6 9.946E-01 6.67 -1.738E-02 7.711E-03 4.516E 0.2 2.034E 02 5.270E-01 0.0 345.6 9.946E-01 6.67 -1.738E-02 7.711E-03 4.516E 0.2 2.034E 02 5.270E-01 0.0 345.6 9.946E-01 6.67 -1.738E-02 7.771E-03 4.516E 0.2 2.034E 02 5.270E-01 0.0 345.6 9.946E-01 6.67 -1.738E-02 7.771E-03 4.516E 0.2 2.034E 02 5.279E-01 0.0 345.6 9.946E-01 6.67 -1.738E-02 7.777E-03 4.516E 0.2 2.034E 0.2 5.299E-01 0.0 345.6 9.946E-01 6.68 -1.738E-02 7.577E-03 4.516E 0.2 2.034E 0.2 5.299E-01 0.0 345.6 9.946E-01 6.68 -1.731E-02 7.577E-03 4.516E 0.2 2.034E 0.2 5.299E-01 0.0 345.6 9.946E-01 6.68 -1.731E-02 7.523E-03 4.526E 0.2 2.034E 0.2 5.299E-01 0.0 345.6 9.946E-01 6.68 -1.731E-02 7.523E 0.2 2.034E 0.2 5.234E-01 0.0 345.6 9.946E-01 6.68 -1.751E-02 7.523E-03 4.526E 0.2 2.034E 0.2 5.256E-01 0.0 345.6 9.946E-01 6.68 -1.751E-02 7.523E-03 4.526E 0.2 2.034E 0.2 5.558E-01 0.0 345.6 9.946E-01 6.68 -1.751E-02 7.523E-03 4.526E 0.2 2.034E 0.2 5.558E-01 0.0 345.6 9.946E-01 6.68 -1.751E-02 7.523E-03 4.526E 0.2 2.026E 0.2 5.558E-01 0.0 345.6 9.946E-01 6.68 -1.751E-02 7.523E-03 4.526E 0.2 2.026E 0.2 5.558E-01 0.0 345.6 9.946E-01 6.68 -1.751E-02 7.533E-03 4.521E 0.2 2.026E 0.2 5.558E-01 0.0 345.6 9.946E-01 6.67 7.751E-02 7.539E-03 4.511E 0.2 2.034E 0.2 5.034E 0.2 5.044E-01 6.67 7.751E-02 7.539E-03 4.511E 0.2 2.034E 0.2 5.046E-01 6.67 7.751E-02 7.539E-03 4.511E 0.2 2.034E 0.2 5.047E-01 6.67 7.751E-02 7.539E-03 4.511E 0.2 2.034E 0.2 5.047E-01 6.67 7.751E-02 7.539E-03 4.511E 0.2 2.034E 0.2 5.047E-01 6.67 7.751E-02 7.539E-03 4.511E 0.2 2.034E 0.2 5.034E 0.2 5.047E-01 6.67 7.751E-02 7.539E-03 4.511E 0.2 2.034E 0.2 5.034E	14.800	0.0	345.5	1	3	-1.780E-02	-8.823E-03			-5.4266-01	-2.689E-
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0.0 345.5 9.948E-01 6.67 -1.729E-02 7.852E-03 4.512E 02 2.032E 02 -5.270E-01 0.0 345.6 9.938E-01 6.67 -1.574E-02 7.715E-03 4.508E 02 2.034E 02 -5.222E-01 0.0 345.5 9.946E-01 6.68 -1.686E-02 -8.051E-03 4.514E 02 2.034E 02 -5.222E-01 0.0 345.5 9.946E-01 6.68 -1.686E-02 -7.711E-03 4.514E 02 2.035E 02 -5.299E-01 0.0 345.5 9.967E-01 6.68 -1.738E-02 -7.979E-03 4.518E 02 2.035E 02 -5.299E-01 0.0 345.5 9.967E-01 6.68 -1.738E-02 -7.979E-03 4.518E 02 2.035E 02 -5.299E-01 0.0 345.5 9.967E-01 6.68 -1.731E-02 -7.089E-03 4.516E 02 2.035E 02 -5.299E-01 0.0 345.5 9.954E-01 6.68 -1.731E-02 -7.089E-03 4.516E 02 2.036E 02 -5.299E-01 0.0 345.5 9.954E-01 6.68 -1.731E-02 -7.089E-03 4.526E 02 2.036E 02 -5.231E-01 0.0 345.4 9.954E-01 6.68 -1.731E-02 -7.039E-03 4.526E 02 2.035E 02 -5.336E-01 0.0 345.4 9.966E-01 6.68 -1.751E-02 -7.039E-03 4.526E 02 2.035E 02 -5.336E-01 0.0 345.4 9.966E-01 6.68 -1.751E-02 -8.404E-03 4.526E 02 2.029E 02 -5.356E-01 0.0 345.4 9.966E-01 6.68 -1.751E-02 -8.404E-03 4.526E 02 2.029E 02 -5.356E-01 0.0 345.4 9.966E-01 6.68 -1.751E-02 -8.396E-03 4.521E 02 2.029E 02 -5.356E-01 0.0 345.5 9.960E-01 6.65 -1.656E-02 -8.396E-03 4.521E 02 2.039E 02 -5.099E 0	15.000	0.0	345.5	1	3.0	-1.687E-02	-7.861E-03	- 70		-5.1426-01	-2.396E-
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0.0 345.5 9.951E-01 6.67 -1.713E-02 -7.711E-03 4.514E 0.2 2.034E 0.2 -5.222E-01 0.0 345.6 9.96E-01 6.68 -1.686E-02 -8.051E-03 4.511E 0.2 2.035E 0.2 -5.139E-01 0.0 345.6 9.96E-01 6.68 -1.736E-02 -7.977E-03 4.518E 0.2 2.035E 0.2 -5.299E-01 0.0 345.5 9.967E-01 6.67 -1.711E-02 -7.978E-03 4.516E 0.2 2.035E 0.2 -5.299E-01 0.0 345.5 9.967E-01 6.68 -1.736E-02 -7.673E-03 4.516E 0.2 2.036E 0.2 -5.299E-01 0.0 345.5 9.978E-01 6.68 -1.731E-02 -7.639E-03 4.526E 0.2 2.036E 0.2 -5.216E-01 0.0 345.6 9.977E-01 6.68 -1.736E-02 -7.639E-03 4.526E 0.2 2.034E 0.2 -5.256E-01 0.0 345.4 9.977E-01 6.66 -1.767E-02 -7.639E-03 4.526E 0.2 2.034E 0.2 -5.256E-01 0.0 345.4 9.977E-01 6.66 -1.767E-02 -7.639E-03 4.526E 0.2 2.034E 0.2 -5.368E-01 0.0 345.4 9.977E-01 6.66 -1.767E-02 -8.397E-03 4.526E 0.2 2.029E 0.2 -5.368E-01 0.0 345.4 9.960E-01 6.65 -1.767E-02 -8.397E-03 4.524E 0.2 2.029E 0.2 -5.368E-01 0.0 345.4 9.960E-01 6.65 -1.767E-02 -8.399E-03 4.521E 0.2 2.029E 0.2 -5.368E-01 0.0 345.4 9.960E-01 6.67 -1.650E-02 -0.603E-03 4.521E 0.2 2.029E 0.2 -5.367E-01 0.0 345.6 9.960E-01 6.67 -1.650E-02 -0.603E-03 4.521E 0.2 2.026E 0.2 -5.049E-01 0.0 345.5 9.960E-01 6.67 -1.650E-02 -0.603E-03 4.521E 0.2 2.036E 0.2 -5.049E-01 0.0 345.6 9.960E-01 6.67 -1.650E-02 -0.603E-03 4.521E 0.2 2.036E 0.2 -5.049E-01 0.0 345.6 9.960E-01 6.67 -1.650E-02 -0.603E-03 4.521E 0.2 2.036E 0.2 -5.049E-01 0.0 345.6 9.960E-01 6.67 -1.650E-02 -0.603E-03 4.521E 0.2 2.036E 0.2 -5.049E-01 0.0 345.6 9.960E-01 6.67 -1.650E-02 -0.603E-03 4.521E 0.2 2.036E 0.2 -5.049E-01 0.0 345.6 9.960E-01 6.67 -1.650E-02 -0.603E-03 4.521E 0.2 2.036E 0.2 -5.049E-01 0.0 345.6 9.960E-01 6.67 -1.650E-02 -0.603E-03 4.521E 0.2 2.036E 0.2 -5.049E-01 0.0 345.6 9.960E-01 6.67 -1.650E-02 -0.603E-03 4.521E 0.2 2.036E 0.2 -5.049E-01 0.0 345.6 9.960E-01 6.67 -1.650E-02 -0.603E-03 4.521E 0.2 2.036E 0.2 -5.049E-01 0.0 345.6 9.960E-01 6.67 -1.600E-02 -0.603E-03 4.521E 0.2 2.036E 0.2 -5.049E-01 0.0 345.6 9.0 345.6 9.0 345.6 9.0 345.6 9.0 345.6 9.0 345.6 9.0 345.6 9.0 345.6 9.0 345.6 9.0 345.6 9.0 345.6 9.0 345.6 9.0 345.	15.200	0.0	345.6	1	19.9	-1.674E-02	-8.025E-03			-5.101E-01	-2.446E-
0.0 345.6 9.946E-01 6.68 -1.686E-02 -8.051E-03 4.511E 32 2.035E 02 -5.139E-01 0.0 345.5 9.946E-01 6.67 -1.738E-02 -7.979E-03 4.518E 02 2.035E 02 -5.299E-01 0.0 345.5 9.967E-01 6.67 -1.738E-02 -7.0979E-03 4.518E 02 2.035E 02 -5.299E-01 0.0 345.5 9.967E-01 6.68 -1.731E-02 -6.693E-03 4.516E 02 2.036E 02 -5.299E-01 0.0 345.5 9.978E-01 6.68 -1.731E-02 -7.089E-03 4.516E 02 2.036E 02 -5.276E-01 0.0 345.6 9.9778E-01 6.68 -1.731E-02 -7.089E-03 4.526E 02 2.036E 02 -5.276E-01 0.0 345.6 9.9778E-01 6.67 -1.751E-02 -7.638E-03 4.526E 02 2.034E 02 -5.256E-01 0.0 345.4 9.9778E-01 6.65 -1.761E-02 -7.638E-03 4.526E 02 2.034E 02 -5.356E-01 0.0 345.4 9.9778E-01 6.65 -1.761E-02 -7.638E-03 4.526E 02 2.029E 02 -5.356E-01 0.0 345.4 9.966E-01 6.65 -1.751E-02 -8.404E-03 4.521E 02 2.029E 02 -5.356E-01 0.0 345.4 9.966E-01 6.65 -1.656E-02 -8.404E-03 4.521E 02 2.029E 02 -5.356E-01 0.0 345.5 9.967E-01 6.67 -1.656E-02 -8.398E-03 4.521E 02 2.039E 02 -5.356E-01 0.0 345.5 9.966E-01 6.67 -1.656E-02 -8.398E-03 4.521E 02 2.039E 02 -5.049E-01 0.0 345.5 9.966E-01 6.67 -1.656E-02 -8.398E-03 4.521E 02 2.039E 02 -5.049E-01 0.0 345.5 9.966E-01 6.67 -1.656E-02 -8.398E-03 4.521E 02 2.039E 02 -5.049E-01 0.0 345.5 9.966E-01 6.67 -1.656E-02 -7.479E-03 4.511E 02 2.034E 02 -5.049E-01 0.0 345.5 9.966E-01 6.67 -1.656E-02 -7.479E-03 4.511E 02 2.034E 02 -5.049E-01 0.0 345.5 9.966E-01 6.67 -1.656E-02 -7.479E-03 4.511E 02 2.034E 02 -5.049E-01 0.0 345.5 9.966E-01 6.67 -1.656E-02 -7.479E-03 4.511E 02 2.034E 02 -5.049E-01 0.0 345.5 9.966E-01 6.67 -1.656E-02 -7.479E-03 4.511E 02 2.034E 02 -5.049E-01 0.0 345.5 9.966E-01 6.67 -1.656E-02 -7.479E-03 4.511E 02 2.034E 02 -5.049E-01 0.0 345.5 9.966E-01 6.67 -1.656E-02 -7.479E-03 4.511E 02 2.034E 02 -5.049E-01 0.0 345.5 9.966E-01 6.67 -1.656E-02 -7.479E-03 4.511E 02 2.034E 02 -5.049E-01 0.0 345.5 9.966E-01 0.0 345.5 9.966E-01 0.0 345.5 9.966E-01 0.0 345.6 9.966E-01 0.0 345.6 9.966E-01 0.0 345.6 9.966E-01 0.0 345.6 9.0 345.6 9.0 345.6 9.0 345.6 9.0 345.6 9.0 345.6 9.0 345.6 9.0 345.6 9.0 345.6 9.0 345.6 9.0 345.6 9.0 345.6 9.0 345	15.300	0.0	345.5	1	19.9	-1.713E-02	-7.7116-03			-5.2226-01	-2.350E-
0.0 345.5 9.961E-01 6.67 -1.736E-02 -7.979E-03 4.518E 02 2.035E 02 -5.299E-01 0.0 345.6 9.963E-01 6.68 -1.736E-02 -7.577E-03 4.519E 02 2.036E 02 -5.299E-01 0.0 345.6 9.964E-01 6.68 -1.731E-02 -7.089E-03 4.515E 02 2.036E 02 -5.214E-01 0.0 345.5 9.964E-01 6.68 -1.731E-02 -7.089E-03 4.515E 02 2.036E 02 -5.214E-01 0.0 345.6 9.964E-01 6.67 -1.731E-02 -7.089E-03 4.526E 02 2.034E 02 -5.214E-01 0.0 345.4 9.966E-01 6.67 -1.731E-02 -7.089E-03 4.526E 02 2.034E 02 -5.236E-01 0.0 345.4 9.966E-01 6.65 -1.751E-02 -7.049E-03 4.520E 02 2.034E 02 -5.236E-01 0.0 345.4 9.966E-01 6.65 -1.751E-02 -8.977E-03 4.520E 02 2.029E 02 -5.386E-01 0.0 345.4 9.966E-01 6.66 -1.751E-02 -8.977E-03 4.521E 02 2.029E 02 -5.351E-01 0.0 345.5 9.966E-01 6.67 -1.656E-02 -8.399E-03 4.521E 02 2.025E 02 -5.951E-01 0.0 345.5 9.960E-01 6.67 -1.656E-02 -8.399E-03 4.511E 02 2.032E 02 -5.047E-01 0.0 345.5 9.960E-01 6.67 -1.657E-02 -8.399E-03 4.511E 02 2.032E 02 -5.047E-01 0.0 345.5 9.960E-01 6.67 -1.657E-02 -8.390E-03 4.511E 02 2.033E 02 -5.047E-01 0.0 345.5 9.960E-01 6.67 -1.657E-02 -7.390E-03 4.511E 02 2.034E 02 -5.025E-01 0.0 345.5 9.960E-01 6.67 -1.657E-02 -7.390E-03 4.511E 02 2.034E 02 -5.025E-01 0.0 345.5 9.960E-01 6.67 -1.657E-02 -7.390E-03 4.511E 02 2.034E 02 -5.025E-01 0.0 345.5 9.960E-01 6.67 -1.657E-02 -7.390E-03 4.511E 02 2.034E 02 -5.025E-01 0.0 345.5 9.960E-01 6.67 -1.657E-02 -7.390E-03 4.511E 02 2.034E 02 -5.025E-01 0.0 345.5 9.960E-01 6.67 -1.657E-02 -7.390E-03 4.511E 02 2.034E 02 -5.025E-01 0.0 345.5 9.960E-01 6.67 -1.657E-02 -7.390E-03 4.511E 02 2.034E 02 -5.025E-01 0.0 345.6 9.960E-01 6.67 -1.657E-02 -7.390E-03 4.511E 02 2.034E 02 -5.025E-01 0.0 345.6 9.960E-01 6.67 -1.657E-02 -7.390E-03 4.511E 02 2.034E 02 -5.025E-01 0.0 345.6 9.960E-01 6.67 -1.657E-02 -7.390E-03 4.511E 02 2.034E 02 -5.025E-01 0.0 345.6 9.960E-01 6.67 -1.650E-02 -7.390E-03 4.511E 02 -5.034E 02 -5.034E-01 0.0 345.6 9.960E-01 6.67 -1.650E-02 -7.390E-03 4.511E 02 -5.034E 02 -5.034E-01 0.0 345.6 9.960E-01 0.0 345.6 9.0 345E-01 0.0 345E-01 0.0 345E-01 0.0 345E-01 0.0 345E-01 0.0	15.400	0.0	345.6	9.9466-01	9.9	-1.686E-02	-8.051E-03			-5.1396-01	-2.454E-
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0.0 345.5 9.967E-01 6.67 -1.711E-02 -6.693E-03 4.521E 02 2.033E 02 -5.214E-01 0.0 345.5 9.967E-01 6.68 -1.731E-02 -7.039E-03 4.515E 02 2.035E 02 -5.214E-01 0.0 345.5 9.964E-01 6.68 -1.686E-02 -7.633E 02 2.035E 02 2.035E 02 -5.138E-01 0.0 345.4 9.977E-01 6.66 -1.767E-02 -7.613E-03 4.526E 02 2.035E 02 -5.138E-01 0.0 345.4 9.977E-01 6.66 -1.767E-02 -7.613E-03 4.526E 02 2.035E 02 -5.386E-01 0.0 345.4 9.977E-01 6.66 -1.767E-02 -8.977E-03 4.526E 02 2.027E 02 -5.386E-01 0.0 345.4 9.977E-01 6.66 -1.757E-02 -8.977E-03 4.526E 02 2.027E 02 -5.386E-01 0.0 345.6 9.967E-01 6.65 -1.656E-02 -8.937E-03 4.521E 02 2.029E 02 -5.357E-01 0.0 345.6 9.967E-01 6.67 -1.656E-02 -8.396E-03 4.511E 02 2.035E 02 -5.047E-01 0.0 345.5 9.967E-01 6.67 -1.656E-02 -8.396E-03 4.511E 02 2.033E 02 -5.047E-01 0.0 345.5 9.960E-01 6.67 -1.656E-02 -7.479E-03 4.511E 02 2.033E 02 -5.047E-01 0.0 345.5 9.960E-01 6.67 -1.656E-02 -7.476E-03 4.511E 02 2.034E 02 -5.047E-01 0.0 345.6 9.960E-01 6.67 -1.656E-02 -7.476E-03 4.511E 02 2.034E 02 -5.047E-01 0.0 345.6 9.960E-01 6.67 -1.656E-02 -7.476E-03 4.511E 02 2.034E 02 -5.047E-01 0.0 345.6 9.960E-01 6.67 -1.656E-02 -7.476E-03 4.511E 02 2.034E 02 -5.047E-01 0.0 345.6 9.960E-01 6.67 -1.656E-02 -7.476E-03 4.511E 02 2.034E 02 -5.047E-01 0.0 345.6 9.960E-01 6.67 -1.656E-02 -7.476E-03 4.511E 02 2.034E 02 -5.047E-01 0.0 345.6 9.960E-01 6.67 -1.656E-02 -7.476E-03 4.511E 02 2.034E 02 -5.047E-01 0.0 345.6 9.960E-01 6.67 -1.656E-02 -7.476E-03 4.511E 02 2.034E 02 -5.047E-01 0.0 345.6 9.960E-01 6.67 -1.656E-02 -7.476E-03 4.511E 02 2.034E 02 -5.047E-01 0.0 345.6 9.960E-01 6.67 -1.676E-02 -7.476E-03 4.511E 02 2.034E 02 -5.047E-01 0.0 345.6 9.960E-01 6.67 -1.676E-02 -7.476E-03 4.511E 02 2.034E 02 -5.047E-01 0.0 345.6 9.960E-01 6.67 -1.676E-02 -7.476E-03 4.511E 02 2.034E 02 -5.047E-01 0.0 345.6 9.960E-01 0.0 345.6 9.960E-01 0.0 345.6 9.960E-01 0.0 345.6 9.960E-01 0.0 345.6 9.0 9.960E-01 0.0 345.6 9.0 9.960E-01 0.0 9.0 9.0 9.0 9.0 9.0 9.0 9.0 9.0 9.0	15.600	0.0	345.6	9.963E-01	9.6	-1.736E-02	-7.577E-03	121		-5.292E-01	-2.3096-
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0.0 345.5 9.978E-01 6.66 -1.686E-02 -7.628E-03 4.526E 02 2.034E 02 -5.258E-01 0.0 345.6 9.978E-01 6.67 -1.7516-02 -7.613E-03 4.526E 02 2.034E 02 -5.258E-01 0.0 345.4 9.978E-01 6.65 -1.7616-02 -8.4046-03 4.526E 02 2.029E 02 -5.386E-01 0.0 345.4 9.978E-01 6.65 -1.7616-02 -8.597E-03 4.526E 02 2.029E 02 -5.386E-01 0.0 345.4 9.978E-01 6.65 -1.7516-02 -8.597E-03 4.521E 02 2.029E 02 -5.3516-01 0.0 345.6 9.967E-01 6.65 -1.7576-02 -9.633E-03 4.521E 02 2.029E 02 -5.3576-01 0.0 345.6 9.967E-01 6.67 -1.6506-02 -8.396E-03 4.511E 02 2.032E 02 -5.047E-01 0.0 345.5 9.960E-01 6.67 -1.6576-02 -8.396E-03 4.511E 02 2.033E 02 -5.049E-01 0.0 345.5 9.960E-01 6.67 -1.6576-02 -7.396E-03 4.511E 02 2.033E 02 -5.047E-01 0.0 345.5 9.960E-01 6.67 -1.6576-02 -7.396E-03 4.511E 02 2.033E 02 -5.047E-01 0.0 345.5 9.960E-01 6.67 -1.6576-02 -7.396E-03 4.511E 02 2.033E 02 -5.047E-01 0.0 345.5 9.960E-01 6.67 -1.6576-02 -7.396E-03 4.511E 02 2.033E 02 -5.047E-01 0.0 345.5 9.960E-01 6.67 -1.6576-02 -7.396E-03 4.511E 02 2.034E 02 -5.027E-01 0.0 345.5 9.960E-01 6.67 -1.6576-02 -7.396E-03 4.511E 02 2.034E 02 -5.027E-01 0.0 345.5 9.960E-01 6.67 -1.6576-02 -7.396E-03 4.511E 02 2.034E 02 -5.027E-01 0.0 345.6 9.960E-01 6.67 -1.6576-02 -7.396E-03 4.511E 02 2.034E 02 -5.027E-01 0.0 345.6 9.960E-01 6.67 -1.6576-02 -7.396E-03 4.511E 02 2.034E 02 -5.027E-01 0.0 345.6 9.960E-01 6.67 -1.6576-02 -7.396E-03 4.511E 02 2.034E 02 -5.027E-01 0.0 345.6 9.960E-01 6.67 -1.6576-02 -7.396E-03 4.511E 02 2.034E 02 -5.027E-01 0.0 345.6 9.960E-01 6.67 -1.6576-02 -7.396E-03 4.511E 02 2.034E 02 -5.027E-01 0.0 345.6 9.960E-01 6.67 -1.6576-02 -7.396E-03 4.511E 02 2.034E 02 -5.027E-01 0.0 345.6 9.960E-01 6.67 -1.6576-02 -7.396E-03 4.511E 02 2.034E 02 -5.027E-01 0.0 345.6 9.960E-01 6.67 -1.6576-02 -7.396E-03 4.511E 02 2.034E 02 -5.027E-01 0.0 345.6 9.960E-01 6.67 -1.6576-02 -7.396E-03 4.511E 02 -5.027E-01 0.0 345.6 9.960E-01 0.0 345.6 9.0 345.6 9.0 345.6 9.0 345.6 9.0 345.6 9.0 345.6 9.0 345.6 9.0 345.6 9.0	2.800	0.0	345.7	9.954E-01	9.09	-1.731E-02	-7.089E-03			-5.276E-01	-2.161E-
0.0 345.6 9.964E-01 6.66 -1.775E-02 -8.117E-03 4.520E 02 2.034E 02 -7.23E-01 0.0 345.4 9.977E-01 6.66 -1.777E-02 -7.613E-03 4.526E 02 2.029E 02 -5.386E-01 0.0 345.4 9.978E-01 6.66 -1.823E-02 -8.597E-03 4.526E 02 2.029E 02 -5.386E-01 0.0 345.4 9.966E-01 6.66 -1.823E-02 -8.597E-03 4.526E 02 2.029E 02 -5.386E-01 0.0 345.5 9.967E-01 6.66 -1.757E-02 -8.597E-03 4.521E 02 2.029E 02 -5.595E-01 0.0 345.5 9.967E-01 6.67 -1.656E-02 -8.396E-03 4.521E 02 2.026E 02 -5.047E-01 0.0 345.5 9.960E-01 6.67 -1.656E-02 -8.396E-03 4.511E 02 2.035E 02 -5.049E-01 0.0 345.5 9.960E-01 6.67 -1.656E-02 -7.286E-03 4.511E 02 2.036E 02 -5.047E-01 0.0 345.6 9.960E-01 6.67 -1.692E-02 -7.286E-03 4.511E 02 2.036E 02 -5.047E-01 0.0 345.6 9.960E-01 6.67 -1.692E-02 -7.286E-03 4.511E 02 2.034E 02 -5.047E-01 0.0 345.6 9.960E-01 6.67 -1.692E-02 -7.286E-03 4.512E 02 2.034E 02 -5.052E-01 0.0 345.6 9.960E-01 6.67 -1.692E-02 -7.390E-03 4.512E 02 2.034E 02 -5.052E-01 0.0 345.6 9.960E-01 6.67 -1.692E-02 -7.390E-03 4.512E 02 2.034E 02 -5.052E-01 0.0 345.6 9.960E-01 6.67 -1.692E-02 -7.390E-03 4.512E 02 2.034E 02 -5.052E-01 0.0 345.6 9.960E-01 6.67 -1.692E-02 -7.390E-03 4.512E 02 2.034E 02 -5.052E-01 0.0 345.6 9.960E-01 6.67 -1.692E-02 -7.390E-03 4.512E 02 2.034E 02 -5.052E-01 0.0 345.6 9.960E-01	006-61	0.0	345.5	9.9786-01	9.0	-1.6865-02	-7.623E-03		32	-5.138E-01	-Z. 323E-
0.0 345.4 9.977E-01 6.66 -1.767E-02 -7.613E-03 4.526E UZ 2.027E UZ -5.386E-01 0.0 345.4 9.966E-01 6.65 -1.767E-02 -8.404E-03 4.522E UZ 2.027E UZ -5.386E-01 0.0 345.4 9.966E-01 6.66 -1.757E-02 -8.599E-03 4.521E UZ 2.029E UZ -5.386E-01 0.0 345.5 9.967E-01 6.65 -1.656E-02 -8.393E-03 4.521E UZ 2.029E UZ -5.359E-01 0.0 345.5 9.967E-01 6.67 -1.606E-02 -8.396E-03 4.521E UZ 2.035E UZ -5.047E-01 0.0 345.7 9.960E-01 6.67 -1.656E-02 -8.396E-03 4.511E UZ 2.033E UZ -5.047E-01 0.0 345.5 9.960E-01 6.67 -1.656E-02 -7.479E-03 4.511E UZ 2.034E UZ -5.047E-01 0.0 345.6 9.960E-01 6.67 -1.777E-02 -7.286E-03 4.511E UZ 2.034E UZ -5.047E-01 0.0 345.6 9.960E-01 6.67 -1.777E-02 -7.286E-03 4.511E UZ 2.034E UZ -5.024E-01 0.67 -1.676E-02 -7.286E-03 4.511E UZ 2.034E UZ -5.024E-01 0.0 345.6 9.960E-01 6.67 -1.676E-02 -7.286E-03 4.511E UZ 2.034E UZ -5.027E-01 0.0 345.6 9.960E-01 6.67 -1.676E-02 -7.286E-03 4.511E UZ 2.034E UZ -5.027E-01 0.0 345.6 9.960E-01 6.67 -1.676E-02 -7.286E-03 4.511E UZ 2.034E UZ -5.027E-01 0.0 345.6 9.960E-01 6.67 -1.676E-02 -7.286E-03 4.511E UZ -6.034E UZ -5.027E-01 0.0 345.6 9.960E-01 6.67 -1.676E-02 -7.286E-03 4.511E UZ -6.034E UZ -6.	000-91	0.0	345.6	9	0.67	-1.723E-02	-8-117E-03	letti.		-5.253E-01	-2.474
0.0 345.4 9.464E-01 0.05 -1.761E-02 -6.404E-03 4.522E 02 2.027E 02 -5.558E-01 0.0 345.4 9.964E-01 0.0 345.4 9.964E-01 0.0 0.0 345.4 9.964E-01 0.0 0.0 345.5 9.967E-01 0.0 0.0 345.5 9.967E-01 0.0 0.0 345.5 9.967E-01 0.0 0.0 345.6 9.967E-01 0.0 0.0 345.6 9.967E-01 0.0 0.0 345.5 9.967E-01 0.0 0.0 345.6 9.967E-01 0.0 0.0 0.0 345.6 9.967E-01 0.0 0.0 0.0 345.6 9.967E-01 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	001-01		342.4		8:	-1.767E-02	-7.613E-03			-20 300 C-01	-2.520E-
0.0 345.4 9.9742-01 0.00 -1.8245-02 -8.5976-03 4.5216 02 2.0276 02 -5.3595-01 0.0 345.4 9.9676-01 6.66 -1.7576-02 -6.6856-03 4.5216 02 2.0266 02 -5.3596-01 0.0 345.6 9.9676-01 6.67 -1.6506-02 -8.3966-03 4.5216 02 2.0326 02 -5.0476-01 0.0 345.5 9.9606-01 6.67 -1.6576-02 -8.3926-03 4.5186 02 2.0336 02 -5.0496-01 0.0 345.5 9.9606-01 6.67 -1.6576-02 -7.4796-03 4.5186 02 2.0336 02 -5.0476-01 0.0 345.5 9.9666-01 6.67 -1.6576-02 -7.3966-03 4.5186 02 2.0336 02 -5.0476-01 0.0 345.6 9.9666-01 6.67 -1.6526-02 -7.3966-03 4.5126 02 2.0346 02 -5.0266-01 0.0 345.6 9.9686-01 6.67 -1.6926-02 -7.3966-03 4.5126 02 2.0346 02 -5.1586-01	002-91	•	343.4	9	6.63	-1. rele-02	-8.404E-03			10-300c-01	-2.562E-
0.0 345.4 9.966-01 6.66 -1.75/F-02 -8.683E-03 4.52/E 02 2.02/E 02 -5.047E-01 0.0 0.0 345.5 9.96/F-01 6.45 -1.65/E-02 -6.833E-03 4.52/E 02 2.02/E 02 -5.047E-01 0.0 345.5 9.96/F-01 6.47 -1.65/F-02 -8.38/E-03 4.51/E 02 2.03/E 02 -5.047E-01 0.0 345.5 9.96/E-01 6.47 -1.65/F-02 -7.47/E-03 4.51/E 02 2.03/E 02 -5.047/E-01 0.0 345.5 9.96/E-01 6.47 -1.65/F-02 -7.47/E-03 4.51/E 02 2.03/E 02 -5.047/E-01 0.0 345.6 9.96/E-01 6.47 -1.69/E-02 -7.39/E-03 4.51/E 02 2.03/E 02 -5.02/E-01 0.0 345.6 9.96/E-01 6.47 -1.69/E-02 -7.39/E-03 4.51/E 02 2.03/E 02 -5.02/E-01	005-01	0.0	342.4	9.9736-01	8:	-1.8238-02	-8.597E-03			-5.558E-01	-2.021E-
0.0 345.5 9.967E-01 6.67 -1.650E-02 -8.833E-03 4.521E UZ Z.032E UZ -5.047E-01 0.0 345.6 9.967E-01 6.67 -1.657E-02 -8.396E-03 4.51E UZ Z.032E UZ -4.896E-01 0.0 345.7 9.966E-01 6.67 -1.657E-02 -7.479E-03 4.51E UZ Z.036E UZ -5.049E-01 0.0 345.5 9.956E-01 6.67 -1.676E-02 -7.286E-03 4.51E UZ Z.034E UZ -5.047E-01 0.0 345.6 9.946E-01 6.67 -1.692E-02 -7.286E-03 4.51ZE UZ Z.034E UZ -5.20ZE-01 0.0 345.6 9.946E-01 6.67 -1.692E-02 -7.390E-03 4.51ZE UZ Z.034E UZ -5.158E-01	004-91		345.4	9.966E-01	3:	-1.757E-02	-8.683E-03			-9-355E-01	-2.0405-
0.0 345.6 9.96/F-01 6.67 -1.60/E-02 -8.39/E-03 4.52/E 02 2.03/E 02 -4.87/6E-01 -2. 0.0 345.5 9.96/E-01 6.67 -1.65/F-02 -8.38/2E-03 4.51/E 02 2.03/E 02 -5.04/9E-01 -2. 0.0 345.7 9.94/EE-01 6.67 -1.65/E-03 4.51/E 02 2.03/E 02 -5.04/E-01 -2. 0.0 345.6 9.94/EE-01 6.67 -1.69/2E-02 -7.39/E-03 4.51/2E 02 2.03/E 02 -5.15/E-01 -2.	10.500	0.0	345.5	9.96 TE-01	6.65	-1.656E-02	-8.833E-03			-2.04 /E-01	-2.09ZE-
0.0 345.5 9.960E-01 6.67 -1.657E-02 -8.382E-03 4.518E 02 2.033E 02 -5.049E-01 -2. 0.0 345.7 9.946E-01 6.69 -1.656E-02 -7.479E-03 4.511E 02 2.034E 02 -5.047E-01 -2. 0.0 345.5 9.956E-01 6.67 -1.707E-02 -7.286E-03 4.517E 02 2.034E 02 -5.202E-01 -2. 0.0 345.6 9.946E-01 6.67 -1.692E-02 -7.390E-03 4.512E 02 2.034E 02 -5.158E-01 -2.	16.600	0.0	345.6	9.967E-01	6.67	-1.600E-02	-8-398E-03	-		-4.876E-01	-2.560E-
0.0 345.7 9.946E-01 6.69 -1.656E-02 -7.479E-03 4.511E UZ 2.038E UZ -5.047E-01 -2. 0.0 345.5 9.958E-01 6.67 -1.707E-02 -7.286E-03 4.517E UZ 2.034E UZ -5.202E-01 -2. 0.0 345.6 9.948E-01 6.67 -1.692E-02 -7.390E-03 4.512E UZ 2.034E UZ -5.158E-01 -2.	16.700	0.0	345.5	9.960E-01	6.67	-1.657E-02	-8.382E-03	S.		-5.0496-01	-2° 2526-
0.0 345.5 9.958E-01 6.67 -1.707E-02 -7.286E-03 4.517E 02 2.034E 02 -5.202E-01 -2. 0.0 345.6 9.948E-01 6.67 -1.692E-02 -7.390E-03 4.512E 02 2.034E 02 -5.158E-01 -2.	16.800	0.0	345.7	9.9466-01	69.9	-1.656F-02	-7.479E-03	4.511E 02		-5.047E-01	-2.2796-
0.0 345.6 9.948E-01 6.67 -1.692E-02 -7.390E-03 4.512E U2 2.034E 02 -5.158E-01 -2.	006 -91	0.0	345.5	9.958E-01	6.67	-1-707E-02	-7.286E-03	4.517E 02	2	-5.202E-01	-2.221E-
	17.000	0.0	7772	K	17 7	- COSE-00	-7 300E-02	4 613C 112	3	10-10-01	-2 262E-

EXPERIMENTAL DATA

RCDR	RUN	OSCL.	TENSION	LENGTH	VELOCITY	ACCEL.	TENSION	LENGTH	VELOCITY	ACCEL.
SEC	SEC	DEG	S 0 7	F1	FT/SEC	FT/SEC/SEC	GRAM	5	CM/SEC	CM/SEC/SEC
7.200	0.0	345.5	9.942E-01	6.67	-1.771E-02	-7.590E-03	4.510E uz	02	-5.399E-01	-2.313E-C
7.300	0.0	345.6	9.9486-01	\$.	-1.722E-02	-6.913E-03	4.512E 32	2.038E 02	-5.247E-01	-2.107E-01
7.400	0.0	345.6	9.953€-01	6.68	-1.688E-02	2.5596-02	4.515E 04	70	-5.145E-01	7.801E-01
7.500	0.0	345.4	-3418	19.9	2.144E-02	6.701E-01	4.452E 02	2.034E 02	6.536E-01	2.042E 0
7.600	0.100	345.1	2	69.9	1.275E-01	1.290E 00	-	2.039E 02	3.885E 00	3.933E (
7.700	0.200	344.9	9.5746-01	6.73	2.5796-01	1.3666 00		2.050E 02	7.862E 00	4.164E
7.800	0.300	344.9	9.4616-01	6.76	3.8066-01	1.229E 00	3.5	2.060E 02	1.160E 01	3.7446
7.900	0.400	344.9	9.3036-01	9.9	10-3060-4	1.0936 00		2.071E 02	1.493E 01	3.331E
8.000	0.500	344.7	9.104E-01	11.0	5.891E-01	1.023E 00		2.095E 02		3.119
8.100	009-0	344.6	9.072E-01	*:	6.850E-01	1.004E 00		2.122E 02		3.059
8.200	0.100	344.5	8.967E-01	8:2	1.7996-01	1.604£ 00	-	2.146E 02	2.377E 01	3.061E
8.300	0.800	344.6	8.9236-01	7.13	10-366-01	1.024£ 00		2.174E 02	_	3.1216
8.400	006.0	344.5	8.89E-01	7.23	9.7166-01	1.010€ 00		2.205E 02	119	3.102E 01
8.500	1.000	344.4	8.930E-01	7.34	1.0676 00	1.0116 00		2-237E 02	251E	3.082E
8.600	1.100	366.3	8.9266-01	7.45	1-1616 00			2.271E 02		3.080E
8.700	1.200	366.2	8.95E-01	7.57	1.2546 00	1.0106 00		2.307F 02	-	3.079F
8.800	1.300	346.2	8-9736-01	11.11	1.3476 00	1.000 00		2.349E 02	4.107E 01	3.076
8.900	1.400	344.2	8-951E-01	1.5	1.4406 00	1.00 % 00		2.394F 02	4.3896 01	3.0695
000-6	1.500	366.1	8.9436-01	8	1.53% 00	1.000E 00		2.437F 02		3.075
9.100	1.600	344.2	8.8936-01	61.19	1.6306 00	1.0066 00		2.48% 02		3.0725
9.200	1.700	343.9	8.870E-01		1.7236 00	10-3666-6	4.024E 02	2.536E 02		3.048
9.300	1.800	343.8	0.82%-01		1.018 00	1.002E 00	9	2.588E 02		3.0536
9.400	1.900	343.8	8. 764E-01	:	1.9096 00	9.393E-01	-3	2.640E 02	5.820E 01	2.863E
9.500	2.000	343.8	8.77E-01		1.9816 80	10-3208-6	-	2.697E 02	6.037E 01	1.768E
9.600	2.100	344.0	0.747E-01		2.0136 00	1.9626-01	-	2.756E 02	6.135E 01	6.042E
9.700	2.200	344.1	8.72.XE-01	4.25	2.0206 00	-5.104E-03	250	2.820E 02	6.157E 01	-1.556E-
9.800	2.300	344.2	8.761E-01	::	2.017E 00	-5.996E-02	2000	2.877E 02		-1.827E
9.400	2.400	344.2	10-3100 ·	10.	2.0126 00	-4.500E-02	3.992E 02	2.930E 02	6.132E 01	-1.371E
0.00	2.500	344.2	8.871E-01	2:	2.011E 00	-1.975E-02	7	2.983E 02	6. 128E 01	-9020E-
0-100	2.600	34.3	8-9026-01	*:	2.0106 00	-4.289E-03		3.034E 02	6.127E 01	-1.307E-01
0.200	2.700	344.3	8.918E-01	10-15	2.010£ 00	-1.832E-04	4.045E U2	3.093€ 02	6.128E 01	-5.584E-03
0.300	2.800	24.3	8.960E-01	10.33	2.0116 00	-3.366E-03		3.150E 02	9.1296 01	-1.026E-01
0-400	2.900	344.3	8.94 TE-01	10.51	2.0116 00	-3.7436-03	-	3.204E 02	10 3061.9	-1.141E-01
0. 500	3.000	344.4	8.936E-01	10.71	2.0116 00	-2.938E-03		3.263E 02	6.128E 01	-8.954E-02
0.400	3.100	34.4	Į.	10.8	2.011£ 00	-5.071E-03	-	3.317E 02	6.1306 01	-1.546E-01
0. 100	3.200	344.3	4	11.8	2.011E 00	-6.003E-03	7	3.373E 02	6.129E 01	-1.830E-01
0.800	3.300	344.3	-	11.24	2.0116 00	-8.581E-03		3.426E 02	6.128E 01	-2.616E-0
0.00	3.400	344.2	-	11.43	2.010E 00	-8.712E-03	-	3.483E 02		-2.655E-01
1.000	3.500	344.2	1	3.11	2.010€ 00	-3.164E-03		3.535E 02	6.126E 01	-9.642E-
1.100	3.600	344.1	-	11.77	2.010£ 00	-5.123E-03		3.589E 02		-1.562E-0
1.200	3.700	344.3	-	11.95	2.010E 00	-4.040E-03		3.642E 02	6.125E 01	-1.231E-
1.300	3-800	344.4	-3	12-15	2.011E 00	2.280E-03	4.116E 02	3.703E 02	6.129E 01	6.950E-0
1.400	3.900	344.4	-31	12.34	2.011E 00	-4.246E-03	4.119E 02	3.762E 02	6.130E 01	-1.294E-0
1.500	4.000	344.3	9.085E-01	12.53	2.011E 00	-6.363E-03		3.819E 02		-1.939E-
21-600	4-100	344.3	3E-	12.72	2.011E 00	-5.352E-03	4.125E U2	3.876E 02	6.130E 01	-1.631E-0
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EXPERIMENTAL DATA

		State Silvan		ENGLISH	SH UNITS		***************************************	NETRIC	5	
RCOR	NO.	OSCL.	TENSION	LENGTH	VEL OC I TY	ACCEL.	TENSION	LENGTH	VELOCITY	ACCEL.
SEC	SEC	DEG	597	15	FT/SEC	FT/SEC/SEC	GRAM	5	CH/SEC	CM/SEC/SEC
		244.	0 0086-01			-8.2476-03	4.1286	3.0026.02	A 1296 01	-2 5146-0
21-900	00	344.3	9-0766-01	13.28	2.011E 00	-7.740E-03	4.117E 32	4.048E 02	6. 129E 01	-2.359E-01
22.000	4.500	344.2	9-075E-01	13.46		-8.525E-03	4.116E 02	4.102E 02	6.129E 01	-2.599E-01
2-100	4.600	344.3	9.058E-01	13.64		-4.161E-03	4.109E J2	4.157E 02		-1.268E-0
22.200	4.700	344.4	9.037E-01	13.62		-1.897E-04	4.099E 02	4.214E 02	6.129E 01	-5. 783E-0
2.300	4.800	344.3	9.0486-01	14.00		-2.509E-03	4.10%E 02	4.266E 02	6.129E 01	-7.648E-02
2.400	4.900	344.2	9.052E-01	14-18		-3.023E-03	4.106E UL	4.323E 02	6.127E 01	-9.214E-0
2.500	2.000	344.2	9.072E-01	14.36		-6.314E-03	4.115E 02	1		-1.924E-01
2.600	2.100	344.2	9.068E-01	14.53		-8.728E-03	4.113E 02	370	6.125E 01	-2.660E-01
2. 700	5.200	344-1	9.050E-01	14.69	36	-3.792E-03	4.105E 02	4.477E 02	6.126E 01	-1.156E-01
2.800	9.300	344.2	9.024E-01	14.80	36	-7.259E-03	4.093€ 02	170	6.126E 01	-2.213E-01
2.900	2.400	344.3	9.006E-01	15.06		-4.2766-03	4.085E U.	T	6.128E 01	-1.303E-01
3.000	5.500	344.3		15.27	3	-7.9146-03	4.082E 04		6.12% 01	-2.412E-0
3.100	2.600	344.3		15.45		-8.404E-03	4.107E 04	4.708E 02	6.127E 01	-2.562E-01
3.200	5.700	344.4		15.62		-5.820E-03	4.106E UZ		6.126E 01	-1.774E-0
3.300	2.800	344.3	9.055E-01	15.79	ě	-5.833E-03	4.107E 02		6.127E 01	-1.778E-01
3-400	2.900	344.3		15.98		1.2766-03	4.097E 02		6.127E 01	3.889E-0
3.500	9.000	344.3		16.16		-5.745E-03	4.089E 02	4.927E 02	6.128E 01	-1.751E-01
3.600	6.100	344.2	9.010E-01	16.36	2.010E 00	-6.5996-03	4.087E 02	4.986E 02	6.127E 01	-2.011E-0
3.700	6.200	344.3		16.53		-5.123E-03	4.081E 02	5.040E 02	6.128E 01	-1.562E-0
3-800	6.300	344.4		16.72		-6.6486-03	4.064E 02		6.129E 01	-2.026E-01
3.900	004.9	344.2	8.96 SE-01	16.90		-9.782E-04	4.067E 02	5.151E 02	6.127E 01	-2.981E-02
4.000	6.500	344.2	1	17.07		-8.2186-03	4.066E 02		6.125E 01	-2.505E-0
4-100	009.9	344.1	9.003E-01	17.24	120	-8.584E-03	4.084E 02	5.255E 02	6.126E 01	-2.617E-0
4.200	6.700	34.1	9.019E-01	17.43	2.009E 00	-8.5976-03	4.091E 02		6-124E 01	-2.621E-0
4.300	9.800	344.2		3.21		-7.838E-03	4.081E 02	Ē.	6-121E 01	-2.309E-0
4.400	9.900	344.1	9.011E-01	17.78		-3.4296-03	4.087E U.2	5.419E 02	6.125E 01	-1.045E-0
4.500	7.000	344.3	8.9696-01	17.98	2.009E 00	-5.359E-03	4.077E 02		6.124E 01	-1.6336-0
4.600	7.100	344.3	8-987E-01	18.17		-8.669E-04	4.076E 02	7	6.127E 01	-2.642E-0
4- 700	7.200	344.4		18.36		-4.85E-03	4.081E 02		6- 127E 01	-1.480E-01
4.800	7.300	344.3	9.012E-01	18.54		-0.382E-03	4.088E UZ	200	6.126E 01	-2.555E-0
24-900	7.400	344.3	8.971E-01	18.71	2.010E 00	-4.871E-03	4.069E J2	5	6. 126E 01	-1.485E-01
2.000	7.500	344.2	8.9496-01	18.91		-5.395E-03	4.059E 02		6.127E 01	-1.6446-0
25.100	7.600	344.4	8.921E-01	19.10		-3.808E-03			6.126E 01	-1.161E-0
25.200	7.700	344.3	8.94 TE-01	19.29		-8.401E-03	4.058E 02	31.	6.124E 01	-2.561E-0
25.300	7.800	344.3	8.982E-01	19.49		-9.376E-03	4.074E 02	-	6-124E 01	-2.858E-0
2.400	7.900	344.3	8.975E-01	19.66	2.010E 00	-3.393E-03	4.071E 02		6-125E 01	-1.034E-0
2.500	8.000	344.2	8.950E-01	19.83		-5.810E-03	4.060E 32		6-124E 01	-1.771E-0
2.600	8.100	344.1	8.9356-01	20-02		-2.624E-03	4.053E UZ	6.101E 02	6.123E 01	-7.997E-0
18.700	8.200	344.1	8.9196-01	50.19		-5.068E-03	4.046E 02	951	6.124E 01	-1.545E-0
2.800	8.300	344.1	942E	20.38	2.009E 00	-8.885E-03	4.056E UZ		6.122E 01	-2.708E-0
2.900	8.400	344.1	8.961E-01	20.55		-4.9506-03	4.065E UZ	3	6.122E 01	-1.509E-0
26.000	8.500	344.1	8-9496-01	20.71		-5.849E-03	4.059E U2	6.313E 02	6.123E 01	
001-9	8.600	344.2	8.954E-01	20.91		-4.286E-04	4.061E 04	6.373E 02	6.123E 01	-1.306E-C
6.200	8.700	344.3	8.938E-01	21.12	2.010E 00	-5.925E-03	4.054E u2	6-437E 02	6-126F 01	
			-	-				1		

EXPERIMENTAL DATA

									200000	ACCE
RCOR	TIME	DSCL.	TENSION	LENG TH	VEL OC I TV	ACCEL .	TENSION	LENGIN		ALLEL
SEC	SEC	990	185		FT/SEC	FT/SEC/SEC	GRAN	5	CM/SEC	CM/SEC/SEC
6.400	8.900	344.2	8.936E-01	21.49	2.009E 00	-7.9696-03	4.053E 02	6.549E 02	6.125E 01	-2.4296-01
6.500	9.000	344.2	8.911E-01	21.66	2.009E 00	-7.901E-03	4.342E U2	6-603E 02	6-124E 01	-2.408E-01
6.600	9.100	344.2	8.88 TE-01	21.85	2.009E 00	-4.5746-03	4.031E 02	6.661E 02	6.124E 01	-1.3946-01
6.700	9.200	344.2	8.8906-01	22.04	2.009E 00	-3.461E-03	4.032E 02	6-718E 02	6.123E 01	-1.055E-0
6. 800	9.300	344.1	8.908E-01	22.21	2.009E 00	-5.287E-03	4.040E 02	6.771E 02	6-123E 01	-1.611E-0
9.900	9.400	344.2	8.9406-01	22.41	2.009E 00	-6.127E-03	4.055E 02	6.829E 02	6.123E 01	-1.868E-0
7.000	9.500	344.2	8.951E-01	22.57	2.009£ 00	-6.94E-03	4.060E UZ	6.880E 02	6.124E 01	-2.118E-0
7.100	9.600	344.2	8.94 TE-01	22.75	2.009E 00	-2.094E-03	4.058E U2	6.935E 02	6.124E 01	-6.382E-0
7.200	9.700	344.2	8.924E-01	25.92	2.009E 00	-1.711E-03	4.048E 02	6.987E 02	6-123E 01	-5.215E-0
7.300	9.800	344.0	8.965E-01	23.11	2.009£ 00	-2.1796-03	4.066E 02	7.044E 02	6.122E 01	-6.641E-0
1.400	9.900	344.1	8.99%-01	23.20	2.000E 00	-5.064E-03	4.080E 02	7.095E 02	6.121E 01	-1.544E-0
7.500	10.000	344-1	9.011E-01	23.44	2.00% 00	-9.0466-03	4.087E 02	7.145E 02	6.123E 01	-2.757E-0
7.400	10.100	344.0	16-316-01	23.61	2-008E 00	-6.916E-03	4.081E 02	7.197E 02	6.121E 01	-2.108E-0
7.700	10.200	344.2	8.93%-01	23.82	2.009E 00	-6.523E-03	4.053E 02	7.261E 02	6.124E 01	-1.988E-0
7.000	10.300	344.2	8.90X-01	74.01	2.009£ 00	-6.841E-03	4.038E U2	7.319E 02	6-125E 01	-2.085E-0
7.900	10.400	344.2	8.91%-01	24-10	2.010E 00	-4-6196-03	4.044E 02	7.374E 02	6-126E 01	-1.408E-0
8.000	10.500	344.2	8.91 F-01	24.38	2.009E 00	-6.883E-03	4.045E 02	7.432E 02	6.125E 01	-2.098E-0
9.100	10.600	344.2	8.9186-01	24.55	2.00% 00	-6.0496-03	4.045E U2	7.483E 02	6-123E 01	-1-844E-0
9-200	10.700	344.1	10-3600	24.72	2.009E 00	-1.4076-03	4.032E 02	7.534E 02	6-125E 01	-4.288E-0
8.300	10.800	344.2	8.8736-01	24.90	2.00% 00	-2.221E-03	4.025E 02	7.589E 02	6.123E 01	-6.771E-0
8.400	10.900	344.2	1.8856-01	25.0	2.009E 00	-3.1836-03	4.030E 02	7.647E 02	6.124E 01	-9.702E-0
8.500	11.000	344.1	8.902E-01	25.28	2.0096 00	-5.8236-03	4.038E 02	7.705E 02	6.124E 01	-1.775E-0
9.60	11.100	344.2	8.921E-01	25.47	2.00% 00	-5.516E-03	4.046E 02	7.762E 02	6.125E 01	-1.681E-0
2 100	11.200	344.1	8.93%-01	29.62	2.00%E 00	-2.463E-03	4.053E 02	7.810E 02	6-123E 01	-7.509E-0
000	11.300	7	8.43ZE-01	25.81	2.009E 00	-3.7436-03	4.051E 02	7.868E 02	6.122E 01	-1.141E-0
006-	11.400	340.0	8.922E-01	25.9	2.008E 00	-3.0765-02	4.047E 02	7.922E 02	6.121E 01	-1.120E 0
4.000	11.500	344.1	8.93 F -01	61.92	1.989E 00	-3.9796-01	4.034E 02	7.982E 02	6.061E 01	-1.213E 0
001.	11.000		8.984E-01	20.36	1.926E 00	-8.3978-01	4.075E UZ	8.033E 02	5.872E 01	-2.559E 0
4.200	11.700	344.5	9.0456-01	26.92	1.8346 00	-1.05 % 00	4. 103E 02	8-083E 02	5.591E 01	-3.220E 0
4.300	11.800	344.0	9.079E-01	69.92	1.731E 00	-1.131E 00	4-118E 02	8-1305 02	5.275E 01	-3.44BE 0
000	006-11	344-7	9-10 TE-01	59-82	1.627E 00	-1.1106 00	4-131E 02	8-185E 02	4.9596 01	-3.383E 0
2000	12.000	343.0	7-173E-01	10-17	1-524E 00	00 30.1-	4- 101E 02	6.231E 02	10 30000	-3.201E 0
2000	001-71	343.0	10-3017-6	11.77	1.4252 00	-1.0576 00	4.160E 02	20 3717°B	10 3696 %	-3.22E 0
2.700	12.200	2000	10-3/87.	12-12	1.32% 00	-1-05E 00	4.213E 02	8.311E 02	4.051E 01	-3.206E U
2.800	12.300	343.2	Ų,	27.38	1-234E 00	-1.0516 00	4. 234E 02	8.3400 02	3. role 01	-3.204E 0
9.400	12.400	342.3		51.49	1.1300 00	00 30001-	4.200E UZ	8-3/8E 02	3.4016 01	-3.200E U
0.000	12.500	345.2	-	27.57	1.037E 00	-1.050E 00	4.294E 02	8.403E 02	3.160E 01	-3.200E 0
0.100	12.600	345.3	-	27.65	9.3916-01	-1.060E 00	4.3196 02	8-428E 02	2.862E 01	-3.229E 0
0.200	12.700	345.4	4	27.72	8.418E-01	-1.031E 00	4.364E 02	8.449E 02	2.566E 01	-3.142E 0
0.300	12.800	345.4	9.724E-01	27.78	7.441E-01	-1.042E 00	4.411E 02	8.469E 02	2.268E 01	-3.175E 0
0.400	12.900	345.6	L	27.83	6.4636-01	-1.045E 00	4.44E 02	8.484E 02	1.970E 01	-3.185E 0
0.500	13.000	345.3	1	27.87	5.482E-01	-1.045E 00	4.498E 02	8.495E 02	1.671E 01	-3.104E 0
0.00	13.100	345.5	w	27.90	4.500E-01	-1.045E 00	4.548E 02	8.505E 02	1.372E 01	-3.184E 0
0. 100	13.200	345.6		27.93	3.520E-01	-1.040E 00	4.587E 02	8.513E 02	1.073E 01	-3.169E 0
30.800	13.300	345.6	1.021E 00	27.94	2.552E-01	-1.035E 00	4.630E UZ	8.517E 02	7.778E 00	-3.156E 0
000	12 400	346	u	27 07		-1 0215 00		-		

EXPERIMENTAL DATA

RCOR	RUN	OSCL.	TENSTON	LENGTH	LENGTH VELOCITY	ACCEL	TENSLOW	I ENGTH	TH VELOCITY	ACCEL
TIME	TIME	ANGLE	A STATE OF THE STA		2662					
SEC	SEC	990	1.65	E	FT/SEC	FT/SEC/SEC	GRAM	3	CM/SEC	CM/SEC/SEC
000-1	13.500	345.9		27.98	6.729E-02	-8-692E-01	4.700E 32		2.051E 00	-2.649E 01
31.100	0.0	345.7		27.98	5.750E-03	-4.495E-01	4.730E JZ	8.529E 02	1.7536-01	-1.370E 0
31.200	0.0	345.7		27.98	-2.115E-02	-1.280E-01	4.750E 02		-6.447E-01	-3.903E OC
.300	0.0	345.6		27.97	-2.384E-02	1.862E-02	4.776E JZ		-7.268E-01	5.675E-01
004.	0.0	345.5		27.98	-1.918E-02	4.500E-02	4.802E UZ		-5.846E-01	1.371E O
.500	0.0	345.5		27.96	-1.595E-02	2.862E-02	4.820E UZ		-4. 861E-01	8.724E-01
31.600	0.0	345.3		27.95	-1.312E-02	8-336E-03	4.829E UZ		-3.999E-01	2.541E-01
31.700	0.0	345.4		27.95	-1.361E-02	-5.892E-03	4.827E UZ	8.519E 02	-4-148E-01	-1.796E-01
31-800	0.0	345.4		27.97	-1.311E-02	-1.032E-02	4.825E JZ	333	-3.995E-01	-3.146E-01
.900	0.0	345.3		27.96	-1.338E-02	-1.087E-02	4.826E UZ		-4.080E-01	-3.315E-01
.000	0.0	345.3		27.95	-1.4336-02	-9.671E-03	4.826E 02	520E	-4.368E-01	-2.948E-01
100	0.0	345.2		27.94	-1.353E-02	-7.93E-03	4.814E 02	8.517E 02	-4.122E-01	-2.418E-01
-200	0.0	345.3		27.94	-1.401E-02	-8.067E-03	4.794E U2		-4.271E-01	-2.459E-01
.300	0:0	345.2		27.93	-1.238E-02	-8.548E-03	4.778E 02		-3.773E-01	-2.606E-01
.400	0.0	345.3		27.93	-1.463E-02	-8.777E-03	4.752E u2	512E	-4.460E-01	-2.675E-0
32-500	0.0	345.3		27.94	-1.399E-02	-8-117E-03	4.733E UZ	515E	-4.263E-01	-2.474E-0
. 600	0.0	345.4		27.95	-1.364E-02	-7.767£-03	4.701E U2	23	-4-157E-01	-2.367E-0
. 700	0.0	345.5		27.96	-1.273E-02	-7.963E-03	4.671E 02		-3.881E-01	-2.427E-01
. 800	0.0	345.4		27.96	-1.4136-02	-7.825E-03	4.649E 02		-4.306E-01	-2.385E-0
- 300	0.0	345.3		27.96	-1.167E-02	-7-1746-03	4.623E 02	524E	-3.557E-01	-2.187E-01
33.000	0.0	345.3		27.8	-1.374E-02	-6.818E-03	4.593E 92	1758	-4.187E-01	-2.078E-01
33.100	0.0	345.3	1.006E 00	27.96	-1.339E-02	-6.932E-03	4.564E UZ	8.522E 02	-4.082E-01	-2.113E-01
.200	0.0	345.3		27.95	-1.249E-02	-6.657E-03	4.545E 02	-	-3.806E-01	-2.029E-01
.300	0.0	345.3	1	27.%	-1.217E-02	-6.785E-03	4.522E UZ		-3.709E-01	-2.068E-01
33.400	0.0	345.3		16.72	-1.286E-02	-6.353E-03	4.499E 02		-3.918E-01	-1.936E-01
13.500	0.0	345.4	9.880E-01	27.96	-1.297E-02	-6.196E-03	4.482E 02	0.521E 02	-3.954E-01	-1.809E-01
93.600	0.0	345.3	9.8726-01	27.95	-1.224E-02	-6.975E-03	4.478E UZ	8.520E 02	-3.729E-01	-2.126E-01
13.700	0.0	345.2	9.8456-01	27.95	-1.2736-02	-6.697E-03	4.465E J2	-	-3.880E-01	-2.041E-01
33.800	0.0	345.2	9.826E-01	27.93	-	-7.917E-03	4.457E UZ	70	-3.832E-01	-2.4136-01
. 900	0.0	345.2	•	27.93	-1-382E-02	-7.469E-03	4.449E UZ	8.514E 02	-4.212E-01	-2.276E-01
000	0.0	345.2	9.803E-01	27.92		-7.4396-03	4.446E 02	71	-4.084E-01	-2.268E-01
8	0.0	345.4	9. 798E-01	27.94	-1.359E-02	-7.6136-03	4.44E UL	8.517E 02	-4.141E-01	-2.320E-01
-200	0.0	345.4	9. 796E-01	27.94	-1.304E-02	-7.070E-03	4.443E 02	8.517E 02	-3.975E-01	-2.155E-01
.300	0.0	345.4	9.802E-01	27.8	-1.255E-02	-6.635E-03	4.446E 02	.523E	-3.825E-01	-2.022E-01
34.400	0.0	345.4	9.809E-01	27.96	~	-6.981E-03	4.450E UZ	1	-3.069E-01	-2.128E-01
.500	0.0	345.4	9.841E-01	27.8	-1.387E-02	-6.765E-03	4.464E 32	-	-4.228E-01	-2.062E-0
	0.0	345.3	9.8736-01	27.96	-1.406E-02	-6.523E-03	4.478E 02	8.524E 02	-4.286E-01	-1.986E-0
	0.0	345.4	9.894E-01	27.96	-1.273E-02	-6.497E-03	4.488E 02	7	-3.879E-01	-1.980E-0
34.800	0.0	345.3	1	27.94	-1.385E-02	-6.366E-03	4.502E 32		-4-220E-01	-1.940E-01
- 900	0.0	345.3	-386		-1.4446-02	-6-1735-03	4.517£ 02		-4.400E-01	-1.882E-0
35.000	0.0	345.4		27.97	-1.266E-02	-5.470E-03	4.533E UZ		-3.860E-01	-1.66 TE-01
15.100	0.0	345.4	3E0	27.95	-1.358E-02	-6.085E-03	4.549E UZ		-4.140E-01	-1.855E-0
35.200	0.0	345.3	-	27.8	-1.382E-02	-7.109E-03	4.568E uz	8.521E 02	-4.211E-01	-2.167E-0
3.300	0.0	345.3	1.010€ 00	27.94	-1.381E-02	-7.014E-03	5	8.516E 02	-4.209E-01	-2.138E-01
2.400	0.0	345.2	*	27.8	-1.396E-02	-7.534E-03	4.596E JZ	8.516E 02	-4.255E-01	-2.296E-0
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EXPERIMENTAL DATA

	ACCEL.	CN/SEC/SEC	-2.154E-01	-2.403E-01	-2-1296-01	-2.048E-01
UNITS	VELOCITY	CM/SEC	-4.257E-01	-4.515E-01	-4.2236-01	-4.084E-01
METRIC	LENGTH	5	8.515E 02	8.520E 02	8.522E 02	8.524E 02
1	TENSIUM	GRAM	4.623E UZ	4.634E 34	4.639E u2	4.642E J2
	ACCEL.	FT/SEC/SEC	-7.066E-03	-7.884E-03	-6.985E-03	-6.720E-03
SH UNITS	VELOCITY	FT/SEC	-1.397E-02	-1.481E-02	-1.3866-02	-1.3406-02
- ENGL I	LENGTH		27.93	27.95	27.96	27.%
	TENSION LENGTH VELOCITY	188	1.01% 00	1.022E 00	1.023E 00	1.023€ 00
	USCL.	990	345.2	345.3	345.4	345.4
	TINE	SEC	0.0	0.0	0.0	0.0
	ACDA 11 ME	SEC	35.600	35.700	35.800	35.900